NAME: **Kodi Lavergne**
LANGUAGE: **English**
Clearance: **Secret Level II**

SUMMARY OF QUALIFICATIONS

n (Mr. Lavergne) Lavergne is a Website Support Specialist and UX/UI Web Designer with a specialization in Usability Design with over 30 years of experience in the Information Technology (IT) sector.

Throughout his career he has gained tremendous experience in UX/UI/AD Development using a variety of software and techniques to create Wire Frames, Story Boards, Sandbox, etc., Visual Source Save and CMS such as Interwoven (Team Foundation Server), Drupal, Drupal. He has experience with Presentation Tools for Flow Charts, Mock-ups, Functional prototypes in testing environments, AZURE RP 9, PowerPoint, Word, and a variety of Graphic software like Corel, Adobe Suite of Tools 3D Studio, and AutoCAD. Work Plans and Test cases set on Excel.

AREAS OF EXPERTISE

Design Disciplines

- Web Design
- Web Development
- User Experience
- User Interface
- Research
- Information Architecture
- Illustration
- Animation
- Graphic Arts
- Fine Arts

Industry (Project-based)

- Government
- Healthcare
- Defense
- Telecoms
- Education
- Science (CSA)

Professional Certifications

- UX Design Fundamentals, Interaction Design Foundation (2017)
- Adult Education for eLearning Learning Tree (2015)
- eLearning fundamentals Learning Tree (2015)
- W3C Certification: HTML, CSS, JavaScript, Angular JS, Node.js, React. (2020)
- AAACT Certification
- AODA Certification

Hardware and Operating Systems

- Operating Systems – Mac OS, iOS, Android, Windows, Linux, Unix.
- Hardware – Interactive Displays, Mobile Devices (Smartphones, Tablets, Phablets), Desktops and Laptops, What's Large? Touchscreens, Coms Consoles (DND)

EDUCATION

- Graphic Technologist, AGFA, Belgium (1993).
- Graphic and Fine Arts, Algonquin College (1986).
- Architectural Technologist, Algonquin College (1982).

Software

- Adobe Creative Suite – Photoshop, Illustrator, InDesign, XD, After Effects, Premiere Pro, Dreamweaver, Acrobat DC, Fresco, Audition, and UXP Developer tools.
- Design & Prototyping Tools – Sketch, Axure 9.0, Invasion, Figma, Adobe XD. Principle (academic)
- Design Ops – Zeplin (academic) Microsoft Project.
  Note: Any Technological Communications Project is envisioned by a stake/shareholder that fulfills their needs. PMP, guide and organize hire and fire. Client Executive, HR… IT.
  Contractors build and test with the stakeholders/shareholders. Till a time within budget, the stake/shareholder accepts the results—generally, good working relations ships and communications in a team with a common goal.
- Productivity & Office Tools – Microsoft Suite (Word, Excel, PowerPoint, Access, Teams, Zoom, Net meeting, Skype), Google Suite (Docs, Sheets, Slides), (Academic Knowledge)

Accessibility tools

- Wave, Juicy, CSS HTML Validator, Acrobat Pro, Word, Pac, Jaws, NVDA, WAI-Aria, Roles.

Methods and techniques

- User Experience Design
- User Interface Design
- User Experience Testing
- Wireframing
- Mock-ups/Prototyping
- Persona Building (Part of the process to define your users but this can change based on the direction of the product or demographic).
- Workflows/Journey Mapping
- Client Interviews
- Quality Assurance Specialist
- Certified Web Accessibility Specialist AAACT, AODA
- Team Building
- Business Analyst
- Researcher
- Agile Methodologies
- Full Stack Development

- Site Mapping
- Information Management
- Adult learning for the internet
- Corporate Management
- Accessible Documentation (Word, PDF)
- Honest and to the point.

Software engineering tools

- Program Management Tools – DevOPS, JIRA, Microsoft Project.
  Positive time management built on Scrum sessions.
- Foundational Web Development – HTML PHP, ASP, Dynamic HTML & CSS and Angular
- Modern JavaScript Development – React, Vue, (Chrome only) Nodejs, TypeScript, Angular JS
- Some Java
- Learning Python for Dynamic charting techniques.

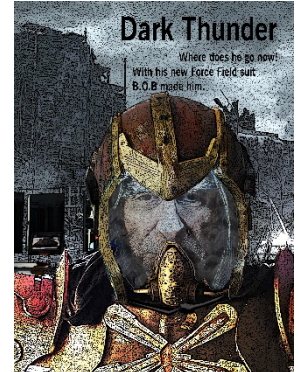| **247 Big G**	**July 31, 2023 - Current**

Client: Private Company

- 3D Printing/ scanning
- Laser etching
- CNC
- Costume Design and development for Theater and Cosplay
- Graphic Arts
- Multimedia Development.

Web Architect, Analyst, WCAG Auditor, Developer

May 1, 2023 - July 31, 2023

Client: Immigration and Citizenship (IRCC)

- Web analyst, WCAG 2.1 Audit and document creation that supports their product lines and assists management, content development, web design and development, and video archives development to meet Bill C-81. Documents created are detailed analytics for Planning, Training, Management Overview,
  Tasks to analyze data record all information, Build, PowerPoint, Word, Excel,
  Build training documentation for staff, hold workshops with staff, and hire people for user testing.
  Offer info sessions and lunch and learns.
  Systems: HTML, SharePoint, .net 3rd party vendors, Drupal 9, Bootstrap, CSS, JavaScript
  Principles: Web Architecture, Conversions of older applications, New Mythologies, New Processes.
- Create Documentation on the new process of conversion of older applications to new standards
  To meet the requirements of the Members of Parliament for meetings. They are passing bills, Arguments, and legislation.
- Build user experience documentation with Blind users.

Environment: HTML5 CSS3 LESS/SASS JavaScript, Java Angular SharePoint DevOps

Web Architect, Analyst, WCAG Auditor, Developer

Nov. 2022 – March 31, 2023

Client: House of Commons

- Web analyst, WCAG 2.1 Audit and document creation that supports their product lines and assists management, content development, web design and development, and video archives development to meet Bill C-81. Documents created are detailed analytics for Planning, Training, Management Overview,
  Tasks to analyze data record all information, Build, PowerPoint, Word, Excel,
  Build training documentation for staff, hold workshops with staff, and hire people for user testing.
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- Build user experience documentation with Blind users.

Environment: HTML5 CSS3 LESS/SASS JavaScript, jQuery, SharePoint DevOps

Web Architect Analyst, WCAG Auditor, Developer, and Documentation   Nov. 2022 – March 31, 2023

Client: Department of Justice.

- Web analyst, WCAG 2.1 Audit and document creation that supports their product lines and assists management, content development, web design and development, and video archives development to meet Bill C-81. Documents created are detailed analytics for Planning, Training, and Management Overview.
- Determine the IT infrastructure, User experience needs, and What software choices are available.

- Build Training Aides, Planning Documents, and a new hiring process for Developers to be onboarded quicker and have the skill set to meet the ongoing updates to the DOJ.

Environment: HTML5 CSS3 React Angular, JSON, XML, JavaScript, jQuery

Web Architect, ArcGIS React-JavaScript-TypeScript Developer   May 2022 – October 31, 2022

Client: Canadian Joint Operations Command (CJOC)

Content Classified.

Reference:
[10:58 AM] Skuce LCdr L@CJOC HQ@Defence365

Kodi, thank you for your service, the conversation today, your commitment to working on unlocking more of the products that came from your hard work, and your professionalism. We appreciate you helping CJOC and us as individuals to learn and improve. I'm also sad about the end, and I hope we will cross paths again either through CJOC or elsewhere as we continue working in DND. Sincerely, Leah.

Responsibilities:
Branded and Built a new SharePoint Website for CJOC Elevated - Analytics
Built ARC GIS Charting solutions for Gantt charts, React, Angular, Enterprise Builder, TypeScript, and JavaScript.
Started with Angular but used React worked better with the ARC GIS software.
Applications, Visual Studio for React and Angular, CSS, HTML5 presentation layer, ArcGIS export data to XML and JSON to populate the React, and Angular base construction.

Build a custom SharePoint site for the Group Integrated Analytics and CJOC HQ.

Web Architect/WCAG Auditor   **June 2022 – October- 2022**

Client: Transport Canada

- Web analyst, WCAG 2.1 Audit and document creation that supports their product lines and assists management, content development, web design and development, and video archives development to meet Bill C-81. Documents created are detailed analytics for Planning, Training, Management Overview,
- Information Architect Restructuring the 3rd party vendors who made the sites and applications not to Canada.ca or WCAG standards.

- Sites and applications covered Angular 7, and considering migrating to Angular 9, React current version CSS, HTML5, and Bootstrap base in Canada.ca themes.
  Revision to the GIT environment using Visual Studio for uploads and downloads. Building Development streams for the Transport staff supplied keyword commands for the GIT.
- Identify User cases for the process for My GCKey.

Environnement: Drupal 8, HTML5 CSS3, SASS, JavaScript, JQuery, GIT Anguler 7

Web Architect, UI/UX & Info. Accessibility Auditor   **Nov 2021 – Feb 2022 (4 months)**

Client: Court Administration Service (CAS)
Build Custom WCAG templates for the courts.

CAS Due to a recent Law Suite The organization has reviewed the sites the host for:
Tax Court of Canada, Federal Court, Federal Court of Appeal, and Court Martial Appeal.

- Assessed existing sites and monitored the failures.
- Build 4 Prototypes with new branding based on the CANADA.ca look and feel.
  in a .net environment with CAS custom CMS.
- Custom Accessible Word and PDF templates for the Courts.
- Participated in the planning and execution of the ROT (redundant, outdated, or trivial) process for the websites of the Department, this included documenting User Interface Design/ Interaction Specifications in the form of Standards and Guidelines Documents, Style Guides, and detailed design documents.
- Ensuring the UX process considers User-centric designs as well **as** principles to collect user requirements.
- Researched and identified problems on the existing web application to uncover the relationship between the user model and business process, then redesigned and validated workflows and user interfaces through iterations.
- Advised and guided the developer on required interface configurations to support usability.
- Offer client Workflow/ Wireframe Docs and show mockups and wireframes for the original layout for the new design.
- This was Achieved by using Adobe Suite of Tools (Adobe XD. Photoshop, Illustrator)
- Additional Mockups were done in Invision/Axure RP to show specifics on certain pages of the project.
- Image placement, font text type, Navigational controls, and special interactions with galleries and video controllers.
- Development was completed in both official languages.

User Types: Anyone needing court services.

User numbers: The site was used internationally accessible by all universities, Law Students, Lawyers, and Judges accused of a crime, or appealing a previous court decision.

Environment: Word. net, TFS, XML, HTML5, JavaScript, Adobe XD, Acrobat Pro, Acrobat DC, Invision, Sketch, Axure 9.0.

Freelance   **Mar 2007 – Present**

Web Architect, UI/UX & Info. Web Architect Accessibility Auditor   **Mar 2021 – Aug 2021 (6 months)**

Client: Canadian Institute for Health Information (CIHI)

Project: It started as an audit of just documentation of the process and methodology of the UX department.
Analyzing their part of the process and was their content was accurate in academia.
Mr. lavergne saw a real flaw in the UI part of the organization of the final deliverable of the information at the time that changes regularly. The final pages failed to meet their departmental guidelines. Mr. Lavergne decided to solve these irregularities by noticing key failures and documentation and testing proved that this was the case. Now their site matches the inner process of the UX department.

Using Figma Axure9,0 and Adobe XD to review CIHI's work process layout and methodologies of the UX department making subtle changes to meet a correct standard. Invision with Sketch used on specialty pages and components.

Mr. Lavergne acted as an advisor and auditor of process, policy during project cycles, and relations of UX teams and developers. This included:

- Designing and UX/UI developing storyboards (low-fidelity and high-fidelity UI prototypes) and Information Architecture Maps and iteratively redesigned the prototypes based on usability testing and feedback.
- Using Figma Axure 9.0 and Adobe XD to review CIHI's work process layout and methodologies of the UX department making subtle changes to meet a correct standard. Invision with Sketch used on specialty pages and components. Overall final versions were decided on Adobe Xd and Axure for the prototype.
- Participated in the planning and execution of the ROT (redundant, outdated, or trivial) process for the websites of the Department, this included documenting User Interface Design/ Interaction Specifications in the form of Standards and Guidelines Documents, Style Guides, and detailed design documents.
- Building Custom Drupal theme for future projects.
- Ensuring the UX process considers User-centric designs as well **as** principles to collect user requirements.
- Researched and identified problems on the existing web application to uncover the relationship between the user model and business process, then redesigned and validated workflows and user interfaces through iterations.
- Advised and guided the developer on required interface configurations to support usability.
- Offer client Workflow/ Wireframe Docs and show mockups and wireframes for the original layout for the new design.
- This was Achieved by using Adobe Suite of Tools (Adobe XD. Photoshop, Illustrator)
- Additional Mockups were done in Invision/Axure RP to show specifics on certain pages of the project.
- Image placement, font text type, Navigational controls, and special interactions with galleries and video controllers.
- Development was completed in both official languages.

User Types: They varied from Students, Nurses, Physicians, Pharmacists other academics.

User numbers: The site was used internationally accessible by all universities, Doctors, Medical Professionals, and Scholars so the metric would be substantial.

Environment: Word PowerPoint, Adobe XD, Acrobat Pro, Acrobat DC, Invision, Sketch, Axure 9.0, Drupal Twig adjustments in PHP/Drupal 7. Review Angular Projects to confirm they are accessible.

Web Architect, UX/UI Design Consultant/Developer   **Nov 2020 – October - 2021**

Client: The Office of the Superintendent of Financial Institutions (OSFI)

Project: The objective of this project is the conversion of Word Documents/UI to Dynamic Accessible PDF Documents/UI, the creation of best practices documents, the updating of the core site to Canada.ca look and feel and assessing heuristics. Offering UX workflows based on the new Canada.ca look and feel.

Mr. Lavergne's responsibilities include:

- User-based design evaluations
- Designing and developing storyboards (low-fidelity and high-fidelity UI prototypes) and Information Architecture Maps and iteratively redesigned the prototypes based on usability testing and feedback.
  Building custom PHP themes for Drupal.
- Participated in the planning and execution of the ROT (redundant, outdated, or trivial) process for the websites of the Department, this included documenting User Interface Design/ Interaction Specifications in the form of Standards and Guidelines Documents, Style Guides, and detailed design documents.
- Researched and identified problems on the existing web application to uncover the relationship between the user model and business process, then redesigned and validated workflows and user interfaces through iterations.
- To ensure the newly updated documents follow specific techniques to create a user-centric experience.
- Advised and guided the developer on required interface configurations to support usability.
- Development completed in both official languages.
- Review their single-page applications in Angular 9 to verify meet Canada and WCAG standards.

- Build Mock-ups in Adobe XD for new PDF documents and new Web pages with a Canadian look and feel. These in turn are converted to the final version in Adobe Acrobat Pro and HTML editors.
- Information Architecture viewing their Security protocols.
- UX/UI Design Consultant working on this digital service project to the conversion of Word Documents/UI to Dynamic Accessible PDF Documents/UI, creation of best practices documents, updating of the core site to Canada.ca look and feel, and assessing heuristics. Offering UX workflows based on the new Canada.ca look and feel.

User Types: These pages are for a variety of users such as Banking institutions Executive Branch, Government policy creators, and General access to specific individuals outside the government internationally.

User numbers: Thousands of users across multiple geographies users classified.

Environment: Adobe XD, Acrobat Pro, Acrobat DC, Invision, Sketch, Axure 9.0, Word, and PowerPoint.
HTML, CSS, JavaScript Drupal Bootstrap GCWeb/WET Theme.

Web Architect, UX/UI Designer, and Web Developer	**Jan 2020 – Mar 2020 (3 months)**

Client: Treasury Board of Canada Secretariat

- **Project**: TBS was enhancing Sign-in Canada, the authentication service for external, public-facing services so that it can accept trusted digital identities from provincial and territorial governments. The Sign-in Canada project's goal was to make it easier for people to log into the 100 federal portals using a range of external and internal authentications for a variety of services. Mr. Lavergne's Responsibilities include:
- Built application pages for application to meet and exceed Canadian Web Standards for GOC Public facing pages (Pages were WET 4.01, WCAG 2.1, and responsive compliant)
- UX/UI Designer working on this digital service project to enhance the Sign-in Canada authentication service for Canadian citizens.
- To follow GOC user-centric techniques to meet the user requirements.
- Conducting heuristic and end-to-end user-based design evaluations.
    - Creating mock-ups (Adobe XD), wireframes, and working prototypes to illustrate user interfaces and workflows based on use cases.
    - Developing in Gluu Content Management System
    - Working with TBS clients to develop and Modify New Websites.
    - Design a mobile-ready User interface.
    - User Word to define the changes to the new page development.
    - Building pages in both official languages.
    - Finalizing HTML accessible and GOC-approved page design.

User Types: Canadians are made of all sorts of people some educated some not so much from some getting access to their personal data Social, Medical, Security, and finance.

User numbers: The estimated number of users is hundreds of thousands of Canadian citizens yearly.

Environment: HTML5, CSS, JavaScript (Canada.ca Template), Adobe XD, Gluu, and Future Angular 9 usage for the Application.

Web Architect, UX/UI Designer	**Oct 2019 - May 2020 (8 months)**

Client: Department of National Defense (DLCI)

Project: A reassignment from the conclusion early of the project at CJOC. Building a similar navigational control for DLCI that was scalable to meet a particular device used in field operations dimensions classified. Mr. lavergne made several variations of mockups for civilian and military command the mockups were built live in Bootstrap master pages used in the SharePoint environment. This control was on the premise of mega menus that showed all military operations by division internationally. There was a management component on the page based on certain information individuals could secretly edit content classified.

- Mr. Lavergne was engaged to create a new interface for DLCI and the Army in general. DLCI was using an archaic version of their site based on 10-year technology that was not supported and he was tasked to design a new interface that was mobile-ready. Responsibilities included:

- Designed all parts of the User Interface of DLCI Intranet and Whole of Army web applications based on Task Analysis and Business Use Cases (Model-driven approach) by W3C standards and UX standards with a UCD (user-centred design) and RWD (responsive web design) approach.
- Worked in SharePoint Content Management System creating a new website. Create and modify images and Graphics this was done in Adobe Creative Suite (Adobe AD, Photoshop, Illustrator).
- Resizing, Color correction, Cropping, Icon creation Special transitional buttons for navigation.
- With Figma/Sketch to create sketches, Mock-ups, wireframes, workflow diagrams, high-fidelity comps, and application assets. This original was created with Axure RP to show workflow and Information for users of military command structure. Image selection, duration of image changes, and time duration.
- Designing Invision/Axure RP and developing storyboards (low-fidelity and high-fidelity UI prototypes) and Information Architecture Maps and iteratively redesigned the prototypes based on usability testing and feedback. Concluded in an HTML version for presentation to Senior Staff.
- Participated in the planning and execution of the ROT (redundant, outdated, or trivial) process for the websites of the Department, this included documenting User Interface Design/ Interaction Specifications in the form of Standards and Guidelines Documents, Style Guides, and detailed design documents.
- Researched and identified problems on the existing web application to uncover the relationship between the user model and business process, then redesigned and validated workflows and user interfaces through iterations.
- To test techniques and processes for a proper user-centric specific design to meet the military's requirements.
- Advised and guided the developer on required interface configurations to support usability.
- Created the Mock-up Design using InVision/Axure RP for final HTML and CSS for DLCI Intranet to be hosted in SharePoint Remaster of Whole of Army Sites across Canada allowing for compliance with WCAG and GOC web standards.
- Development completed in both official languages.

User Types: note – All divisions of Canadian Soldiery ground and special forces Generals to private's access need to know only for orders and designations.

User numbers: note – 5 divisions 25,000 per division.

Environment: SharePoint Designer, Figma Axure RP, Sketch, Adobe Creative Suite (Adobe XD, Photoshop, Illustrator), HTML5, CSS3, jQuery, JavaScript, Ajax, JSON, XML API components. GIT repository updates with Visual Studio.

Web Architect, UX/UI Designer, and Web Developer	**Apr 2019 – Sept 2019 (6 months)**

Client: Department of National Defense (CJOC)

- **Project**: Mr. Lavergne was introduced to Major Dany Zalal and Derick Hillmer Based on a short meeting I was tasked to build 3 separate mockups of the main interface in 10 days each very distinctive and unique. Based on a meeting for Usability, Accessibility, and Creativity based on a modern heuristic approach for information officers and their staff. Key members of CJOC offered their knowledge and experience to
of information based on their specific needs to achieve their missions.
My first of three presentations was chosen to represent CJOC. This was to replace a simple org chart graphic that represented this very prestigious organization. Mr. Lavergne made it into a work of art representing the best in military principles and honor. Using all sorts of JavaScript and jQuery with video to represent all service members. That was scalable and easy to update. Mr. Lavergne received a civilian-military commendation for his efforts to see the CJOC award.

- Mr. Lavergne was responsible for:
- Designed and developed CJOC's intranet User Interface based on business use cases for the application's design, layout, and features. Developed, changed, updated, and maintained templates, logo, Color schemes, font styles, design mock-ups and elements, images, menu: navigation style, and animation). Layout (sitemap: additional pages requested, layout consistency, header, content, and footer). features (content feeds, content/image sliders, and rotators: animation type, layout, mobile site, forms). and new website content using HTML, HTML5, XHTML / CSS, JavaScript, and jQuery.
- Preparing and concluding secondary research and primary user research using qualitative and quantitative research methods to build client-centric services. This followed the command structure on specific needs per department.
- Designed and developed storyboards (low-fidelity and high-fidelity UI prototypes) and Information Architecture Maps and iteratively redesigned the prototypes based on usability testing and feedback.
- Translated user stories into functional low and high-fidelity prototypes/mockups and design layouts.
- Collaborate with clients to uncover aspects of the user model and their relationship to the UI and business process to create clean interfaces and simple, intuitive user interactions and experiences.
- Developed wireframes using CSS, HTML5, jQuery, JavaScript SharePoint, and Angular 8.
- Build a custom theme for the Drupal sites.

- Reviewed the Angular applications to meet WCAG standards.
- Developed mockups in Figma to show workflow image placement navigational flow, for presentation to the Senior staff.
- Created a custom HTML5 interface, three demo versions, and two templates with 3 different navigation controls. One navigation was on Hover, the second was on click and the third was a collapsible left navigation.
- Had weekly meetings with clients and stakeholders to gather and validate user requirements and web design requirements.
- As part of the UX research, documented user interface designs and developed User Studies by conducting interviews and developing documentation.
- Created functional requirements/specifications such as prototypes and Mock-ups. Created UI Demo Files for each section of the Development for Font types of Colors Mega menus Footer design Left accordion menus.
- As part of the research on the website for information on best practices, analyzed CJOC's Intranet to see the fundamentals of the previous group's attempt at the creation of IM (Information Management) operations. Provided technical advice on website needs and created a completely different way of offering coms, a variety of departments dealing with thousands of troops in mission operations delivery of critical information to Command and Deputy Command in theatres of operations for Naval, Air, and Ground forces in a combination of one or all departments. Coordinated website development with other technical groups.
- Prepared and assessed web content and documents for web publishing, such as MS PowerPoint, MS Word with Mpegs, PNG jpg for IM operations, and Battle Rhythm, Converted MS Word Documents to HTML5 based on the design process and made sure the HTML5 met Government of Canada Web Standards. Verified the accuracy and completeness of web pages. A variety of QA processes and testing was done. Tested converted documents against Government of Canada Web Standards ensuring compliance with Web Content Accessibility Guidelines (WCAG 2.0) and leveraging HTML5 and Accessible Rich Internet Applications (WAI-ARIA) to further enhance accessibility.
- Creation of site components prototypes in Adobe Xd/Axure RP Invision was partially used for presentation Adobe Xd worked better in their SharePoint environment for the Senior IM Officers.
  these consisted of Transitions in data revealed, Navigation, Image placement interaction components for Mouse over, or on-click results, and video controllers.
- Followed levels of understanding of site navigation and content delivery for individuals who suffered mental issues from Down Syndrome to Alzheimer's and stroke victims.
- Made the site accessible for individuals with physical issues from lack of use of limbs or prosthetics to quadriplegics (Steven Hawking) and for individuals with visual issues, including making the site compatible with Brail keyboards and screen readers.
- Ensured the site offered a proper experience of obtaining information, and that the information presented by that department was factual and helpful.
- Web trends were used to collect data on the usage and relevance of the content.

User Types: Information officers in all facets of the military Naval, Airforce and Ground and Special Forces all ranks Male, Female, LGBTQ, all supported ages, creeds, and religions.

User numbers: Several thousand on several contents and Canada Proper all bases' Divisions, Battalions, and Regiments. Active operations are domestic and international. Part of the DND core WAN. Content classified.

Environment: SharePoint Designer, Adobe XD, Invision/Axure RP, HTML5, CSS, PHP, Drupal jQuery, and JavaScript Angular 8. JSON Restful API, TypeScript.

Web Architect, UX/UI Designer	**Nov 2018 – Jan 2019 (3 months)**

Client: Bell Canada
- **Project**: Mr. Lavergne was hired to observe an Enterprise application's result in a Microsoft environment. Core .net C# SQL database. Based on Web accessibility and GOC standards. Reviewing pages on the presentation layer to meet existing standards and making code suggestions to enhance the page in Navigation Page flow, Site flow, Content consistency, Page validation, Metadata, and proper HTML Markup.
- As per this project, Mr. Lavergne Designed a Government Application Compliant for public-facing pages with a focus on GOC Web Standards and Web Accessibility. Responsibilities included:
- Designing web application User Interface designs (prototype) based on Business Use Cases and Task Analysis using a Model-Driven Approach for the integration of multimedia, video, and Social Media Widgets.
- Build Service themes for the Department in PHP and Drupal.
- Designed and developed fully functional low-fidelity and high-fidelity, four-level deep mockup UI prototypes of the new website for Departmental Presentations and repeatedly made adjustments and redesigns based on usability and testing feedback.
- Met with the client to gather user requirements for the renewal of the web application.

- Conducted research on web design best practices. Analyzed web application and made recommendations to address its failure to meet WET 4.0.27. The application failed to meet Title, Header 1, and Breadcrumbs as well as the main navigation which Mr. Lavergne supplied code for the client to use at a later date.
- Documented UI design in the form of style guides, web accessibility testing, WET standards, browser compatibility, and compliance for user-centric usage.
- Reviewed existing systems to uncover aspects of the user model and made recommendations to support UI and business process improvements.
- Performed changes and updates and maintained pages. Corrected all remaining navigation to meet WET 4.0.27 and WCAG 2.0/2.1.
- Completed testing with keyboard navigation only and to be able to read all content in the application with all label associations with inputs NVDA screen reader read all related and associated information by keyboard only.
- Forward changes to the C# for correction so that the rendered HTML would be compliant with WCAG.
- Using HTML5 created a new look and design for a web application based on WET's 40.27 CSS.
- Prepared for web publishing and converted (MVC) Model, View, and Controller files to create accurate Web compliant HTML 5 Pages for Color, Navigation, Validation, and Presentation.
- Coordinated web application development with other technical groups.

User Types: note – Government users from Ministers and directors to Civil servant users at a given time accessing various data for Canadian citizens who are employees of the federal government. Based on security and level of access to specific data

User numbers: note – Intended for Several thousand users at a given time accessing various data for Canadian citizens who are employees of the federal government. Based on security and level of access to specific data thousands.

Environment: .Net 4.0 GIT communications with Visual Studio WET 4.0.27 HTML5, Word Press XML jQuery, JavaScript, CSS, GIT Jira NVDA, WAVE, CSE Validation Tools, W3C Validation Service SQL, and My SQL.

Web Architect, UX/UI Designer, and Web Developer	**Aug 2018 – Oct 2018 (3 months)**

Client: Canadian Space Agency

- **Project**: Mr. Lavergne worked as a Senior UX/UI Web Designer on User Interface Design and WCAG 2.0 compliance on a Secret web application project that cannot be detailed. His responsibilities included:
- Documented, corrected, and modified the User Interface Designs as per new business requirements (Use Cases).
- Creating high-fidelity wireframes, flowcharts, and prototypes, representing the interactivity between main and sub-level pages. Designed and modified complex navigations using XHTML, HTML 5, CSS 2 and 3, JavaScript- JQuery, and RWD (responsive web design).
- Designing and integrating the user interface (UI) of the login portal of the Canadian Space Agency application.
- Uncovered aspects of the user model by analyzing business requirements on multiple projects and defining user interface specifications to establish a relationship. Directed architecture design, development, and implementation of the projects.
- Creation of full Audit and recorded all findings in MS Excel and MS Word.
- Created a final Summary on the level of effort to repair the application.
- This involved offering new user-centric design principles and techniques for updated and new components of the application.
- Documentation on how to repair the application to meet WCAG 2.0 standards.
- Offer code samples on Ordered lists, Responsive tables, and Media Queries on Mobile versions of the Application.
- Figma used for creating mockups with information supplied by CSA manipulated for an offering of Alternative design to meet accessibility from their original design.
- Worked on label association, Color changes, common navigation, table structure, header structure, new Media Queries to make the page more responsive, page validation, Metadata, and Alt text.
- Created a sitemap on how the page should read the application. NVDA Screen Reader, Keyboard navigation only.
- Front-end development in Java with Lambda expressions, Figma, Angular JS, HTML5 XML/JavaScript, and CSS.

User Types: note – Astrophysicist, Astronauts, Climate Science, Meteorological Sciences Ph.D.'s Master Student, Post Docs, Management, invited Academia.

User numbers: note – over a thousand invites only…

Environment: Java, Python, GPS, Lidar, Custom Python, HTML, CSS, JavaScript, some Angular XML,
with Lambda expressions, Figma

Web Architect, UX/UI Designer, and Web Developer   **Apr 2018 – Jul 2018 (4 months)**

Client: House of Commons

- **Project**: Following Bill C81, several of their internal and public-facing pages, Several Parliamentary Documents, Sites, and Mobile Use needed to be redesigned to be responsive. Mr. Lavergne's involvement included:
- Gathered requirements and web-specific components from MPP Writers, Policy writers, Web Developers, and Senior Executives to gather user and web design requirements for the web application and designed the User Interface for implementation of the agreed-upon design, layout, and features based on Business Use Cases.
- Designed and developed Storyboards (low-fidelity and high-fidelity UI prototypes) and Information Architecture Maps and iteratively redesigned the prototypes based on usability testing and feedback.
- Exposed aspects of the user model by analyzing the business requirements on multiple projects at HOC. Defined user interface specifications to establish a relationship and guided the architecture design, development, and implementation of the projects.
- All technical advice provided to clients (HOC Executive Branch) in the form of presentations and data regarding website needs and web design requirements were accepted for user-centric additions to their current design process.
- Following the GOC web style guide standards on Interoperability (which is currently under review to realign with the standard on the Web renewal initiative), Usability, Accessibility (WGAC 2.0), and Privacy and Web Analytics, created HTML5 Web templates and pages that were converted from MS Word and PDF documents.
- Created mockups of Figma for alternative page layout and workflow and also laid out the connections to the way they create the final document to be tabled and signed in Parliament/Senate.
- Prepared detailed design documents, assessed, and prepared web content, such as PDF files and MS Word documents for web publishing.
- Coordinated web application development with other technical groups.
- Verified accuracy and completeness of web pages using a variety of Analytical tools: Jaws, NVDA, W3C Validation, CS Validator, and Firefox Wave Tools.
- Built Training Modules for staff and PowerPoint presentations.

User Types: note – MPP's Prime minister, Senate, lobbyist, lawyers.

User numbers: note – Say under a thousand but the bill represents all of Canada.

Environment: Word, PDF, HTML, CSS, JavaScript, and jQuery Templates from the Canada.ca GIT repository.

Web Architect, UI/UX - Web Designer   **Jan 2018 – March 2018 (3 months)**

Client: International Association of Tax Court Justice/IATJ

- **Project**: Mr. lavergne was tasked by the Honorable Eugene Rousetiter to redesign the main tax court site that was out of date and was not accessible. As well Mr. Lavergne was tasked to build a new site for a private organization for an international organization of Tax court judges. That represented several countries' members and registered to an international location for an annual symposium. Both sites were designed in Bootstrap and mobile access as well as WCAG but did not need to look like other government departments because they represented the Crown Law,
- Mr. Lavergne was hired for web design of the International Mobile web application and site. The original site was approx. 58 pages and converted it into a single-page application with private chat and private login via VPN. His role included:
- Designing UX/UI web application User Interface designs (prototype) based on Business Use Cases and Task Analysis using a Model-Driven Approach for the integration of multimedia and video.
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Applications were created by the information gathered and the creation of step-by-step requirements.
- As Team Lead of the Web renewal/usability team, researched web design best practices, providing analysis, development, and technical recommendations of content and information architecture, specifications design, process development, process mapping, and training to support onboarding and processes related to migration to Canada.ca.
- Designed and developed fully functional low-fidelity and high-fidelity, mockup UI prototypes of the new mobile web application and repeatedly adjusted and redesigned them based on usability and testing feedback.
- Translated user stories into functional low and high-fidelity prototypes/mockups and design layouts.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled/reported on user-centric recommendations were made and presented to senior officials/management.

- Single page application approach Bootstrap, Custom CSS, jQuery, JavaScript, and HTML5. Custom Search Engine, options for new Database PHP-based email connections from Membership forms on site. Information Architect restructures from an existing 58-page Document to a single Mobile application for both Android and iOS handheld devices.
- Full Keyboard navigation with NVDA narration end-to-end QA testing. Met W3C/WCAG standards but was not a DOC design.
- Design Specification Document and PowerPoint presentation to Senior management on principles of New Design to follow Current trends in mobile web development and the implementation of these strategies and methodologies. Working in SharePoint Content Management System creating new website Using Photoshop to create and modify images and Graphics.
- Modifying the existing site with a new responsive Design.

Environnent : PHP, SHTML, CSS, JavaScript, Apache.

Web Architect, UX/UI Designer, and Web Developer	**Jan 2017 – Dec 2017 (12 months)**

Client: Department of Defense

- **Project**: Worked as a Senior UX/UI Web Designer on the Easy Access to Vet Benefits project, which was a Web portal monitoring Vets needing support. For example, PTSD, limb loss, spousal support due to death, etc.
- Mr. Lavergne developed prototypes of a new WET template for the project because the client made the project in a non-supported template. Responsibilities included:
- As a member of the web design team and Web Accessibility initiative team that reported to senior management, collected, gathered, and supplied requirement-gathering based on public-facing web page accessibility/usability for all.
- Had weekly meetings with clients and stakeholders to gather requirements and specific components of the web portal.
- Followed a User-Centered Design creating new interactive animated SHTML / CSS3 modules and redesigning current parts of the web applications User Interface/Usability for the East Access to Vet project based on business use cases.
- As Team Lead of the User Interface/Web renewal team, researched web design best practices, provided analysis, and development, and produced detailed design documents including technical recommendations. Provided advice to clients on website needs, content and information architecture specifications design, process development, process mapping, and training to support onboarding and processes related to migration to Canada.ca based on business use cases and task analysis.
- Planned and conducted primary and secondary user research, UI/UX design based on the results and delivered information architecture, personas, storyboards, task flow and scenarios, wireframe mock-ups, and on-brand high-fidelity visual designs in an Agile product development process and also making sure that it is compliant with AODA WCAG 2.0 Level AA.
- Researched and identified problems in existing systems to uncover the relationships between the user model and business processes. Used this research to redesign and validate workflows and user interfaces through iterations.
- Analyzing existing Services Based on User testing and information gathering. To determine the shortfalls of the existing service. Taking this information, we saw the limitations of Key Search parameters. That needed to be adjusted.
- Built a special prototype with Drupal and Drupal to determine the department's development in the future.
- The System was using PHP and SHTML page generator the JavaScript was adjusted for new UI based on Active Service, Spousal support Veteran, or reservist. New portions of the Database expanded and ease of navigation controls and page validation.
- Coordinated web application development with other technical groups.
- Wrote Web portal using HTML5, CSS, and JavaScript and performed changes updates, and maintenance as required.
- Developed templates, logo, Color schemes, font styles, design mock-ups, and elements, images, and menu: navigation style, and animation). Layout (sitemap: additional pages requested, layout consistency, header, content, and footer). features (content feeds, content/image sliders, and rotators: animation type, layout, mobile site, forms). and new website content.
- Prepared and assessed web content and documents for web publishing and followed Government of Canada web standards to convert to HTML5 format several types of documents.
- Accuracy and completeness of web pages were verified and tested. Guidelines and Web UI Prototypes were confirmed by Mr. Lavergne as are public-facing WET 4.0, and WCAG 2.0 compliant form-based application Analyst, in all aspects of detailed design, development, and deployment of internet-based web and mobile applications based on UI/UX frameworks.

- Developed User test cases, participant user surveys, and critical testing of all aspects of Qualitative analysis of the final application.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled/reported on. recommendations were made and presented to senior officials/management.

Environment: ASP, HTML, SQL, Stored Procedures, CSS, JavaScript PHP, Word Press (Like Drupal).

Web Architect, UX/UI Designer, and Web Developer   **Jan 2018 – Mar 2018 (3 months)**

Client: Transport Canada

- **Project**: Worked as a Senior UX/UI Web Designer to Develop a Web portal to use dynamic e-forms using WSDL to store user data. The main objective of the project was the Interactive PDF file that sent information to a Web API, This communication file was WSDL which stores information in the form for retrieval and assessment for the potential commercial pilot and the secondary objective was the creation of a WET 4.0 template that sent the same information to a .net server. Responsibilities included:
- As a member of the Wed Design and WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Applications were created by the information gathered and the creation of step-by-step requirements.
- Designed and documented the User Interface Design for the portal applications based on Task Analysis and Business Use Cases (Model-driven approach) by the highest WCAG and UI/UX standards with a UCD (user-centered design) and RWD (responsive web design) approach for a user-centric design.

- Using Figma to create workflows and interface suggestions based on the way to teach Aircraft pilots.
- Creation of Dynamic PDF/HTML to a Web API with JSON and WSDL controllers. Conversion to Wet Experience Tool Kit 4.0.
- UI/UX Front End Development for Dynamic page transactional multi-page, forms-based, with multi-step business processes PDF forms for Training Pilots and Aviation security, Aviation Certification, etc. using JavaScript, JSON, WSDL, SOAP, HTML5 XML DHTML, CSS3, Web API comes via WSDL.
- Created functional WCAG e form (UI low and high-fidelity prototypes) iteratively redesigned based on usability testing and feedback, allowing the forms to send data from Users to be stored on the Database using HTML5, XML, DHTML WET/WCAG.
- Built core pages in Drupal for new Products.
- Created a step-by-step interaction specification in the form of standards and guidelines including style guides as a demonstration tool to show staff how to build a form in Adobe LiveCycle Create a Design Document for the WEB WET HTML version.
- Analyzed and identified issues in the existing system between the relationship to the user model and business process. Prepared a design mock-up and once approved then redesigned and re-validated the workflows and user interfaces using an iterative approach.
- Recreated over 80 other multipage forms to be dynamic.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled/reported on. recommendations were made and presented to senior officials/management.
- As Team Lead of the Web renewal/usability team, provided analysis, development, and technical recommendations of content and information architecture, specifications design, process development, process mapping, and training to support onboarding and processes related to migration to Canada.ca.
- Created final formatted Functional Requirement gathering Documentation (Offering Software solutions) for PDF Conversions for accessibility with a functional Template user can take from to create proper user-centric methodologies for all application development of forms.
- Created a Functional Requirement Documentation for HTML5 Wet4.0 Web forms to communicate with existing or new Databases.
- Participated in client interviews to gather functional requirements, present test case results, and discuss actions required. Presented and conducted heuristic evaluations on websites or web applications of PDF and HTML5-based applications.
- The First part of this contract was about Testing New Commercial Aircraft Pilots. This was originally done by a Paper-based assessment filling in a circle based on several procedures and observations.
- The Project was coded Using Acrobat Pro to build a Dynamic Form that uses WSDL to Send information to a Data Server/Web API.

- Web Development (UI Prototypes) of User-Centered Forms in Acrobat 11 and LiveCycle Information Architect Data and conventions for naming. Coded in JavaScript, jQuery, JSON, SOAP, AJAX, .net 4.0 Oracle, and IIS Web services and Monitoring to implement the agreed upon design, layout, and features.
- Responsible for developing architectural frameworks for mobile application development.
- Provided strategic advice to the senior management on web and mobile applications development and implementation.
- Built IIS Test servers for the Project.
- IIS log files for providing site usage statistics.
- Created and edited webpages in compliance with WCAG 2.0 standards using (WET). Custom Code for calculation and data binding to Web API. Portions of the XML DHTML data were used by the FTAE (classified). Followed Government of Canada web standards to convert to HTML5 format several types of documents.
- Developed solutions for Mobile solutions and Custom CSS to make proper media queries to change the layout based on size, Android/iOS, Mobile Phone type, and browser.
- Built web service and mock Database with a Functioning WCAG compliant e-form for Mobile use.
- Worked in HTML5 and Advanced PDF Web API development.
- Built WET version of their Project for Future Use HTML 5.
- Supplied Training Material in MS Word and MS Excel to Staff Management.

Environment: Figma, Word, Acrobat Pro (Web API, with WSDL and JavaScript). Photoshop. LiveCycle, Dynamic PDF, XML, and HTML5 Word Press.

Web Architect, Web Designer / Developer	Jan 2016 – Apr 2016 (4 months)

Client: Privy Council

- **Project**: To Build a Day-to-day News Site for Prime Minister Harper Representing his daily activities locally and internationally news feed with followers, and subscriptions.

- Designed the PM's Personal website and phone app which would be accessible internationally from Android, and iOS. Responsibilities included:
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Applications were created by the information gathered and the creation of step-by-step requirements.
- Creating new interactive animated HTML5 / CSS3 modules and redesigning current parts of the web application User Interface of PM's website/Phone application based on Business Use Cases and by the highest WCAG and UX standards with a UCD (user-centered design) and RWD (responsive web design) approach.
- Presenting design concepts and functional mock-ups to senior management which required the designing of low-fidelity and high-fidelity UI prototypes and repeated redesign based on usability and testing feedback.
- Provided analysis, development, and recommendations of content and information architecture specifications design, process development, process mapping, and training to support onboarding and processes related to migration to Canada.ca as part of the Team Lead and department lead role of the Web renewal/usability team.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled/reported on. recommendations were made and presented to senior officials/management.
- Assessing HTML5 WET 4.0 PDF Mobile and internet portals and Web Application News Broadcasts from the PM.
- Create and edit user-centric methodologies to software and/or mobile application design in compliance with WCAG 2.0 standards using (WET 4.0).
- Consultant on Interface designs for PS, Mac, and Mobile interfaces.
- Met with Communications, PM's Press Secretary to gather requirements. Produced detailed design documents that lead to wireframes to Design, and function specifics for the versions of the Mobile App. Based on this created a multistep process for the Front-End Developers.
- Web Experience Toolkit (WET 4.0) Web Development converting complex documents (complex defined as containing photos, charts, graphs or multimedia components, and Forms and Server-side elements) to HTML for the Web to comply with the requirements of the Government of Canada Standard on Web Accessibility (WCAG 2.0).

Environment: Drupal, Drupal Gap, Android Developer tools and SDKs, Cortina. Apple Store.

Web Architect, UX/UI Designer, and Web Developer   **Sept 2014 – Dec 2015 (16 months)**

Client: Shared Services Canada

- Project: This project was the Youremail@canada.gc.ca a security measure for all Canadian Civil Servants and new hires to protect their data., Working as the Senior UX/UI Designer to Develop a Web portal monitoring emails of Hate and Malicious content. Responsibilities included:
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Applications were created by the information gathered and the creation of step-by-step requirements for a final user-centric design.
- Planned and conducted user research, UI/UX design based on the results and delivered information architecture, personas, storyboards, task flow and scenarios, wireframe mock-ups, and on-brand high-fidelity visual designs in an Agile product development process and making sure that it is compliant with AODA WCAG 2.0 Level AA.
- (WCMS) Requirement gathering based on vendor F5 NETIQ supplied responsibilities of the project, code changes, and specific code to be supplied to meet GOC standards.
- Had weekly meetings with clients and stakeholders to gather requirements and specific components of the web portal.
- Developed and documented user interface designs and wireframes based on Client/Stakeholder requirements for each stage of the Site/Application Development and the Source/Functional Document.
- Based on Business Use cases Implemented new UI designs (templates, logo, Color schemes, font styles, design mock-ups and elements, images, menu: navigation style and animation), layout (sitemap: additional pages requested, layout consistency, header, content, and footer) and features (content feeds, content/image sliders and rotators: animation type, layout, mobile site, forms) and performed changes and updates and maintained the web portal.
- Conducted primary and secondary research on legacy design and identified issues between the relationship between the user model and business process. Prepared a design mock-up and once approved then redesigned and re-validated the workflows and user interfaces using an iterative approach.
- Implemented the agreed upon design, layout, and features, and documented and implemented usability strategy to correct CSS/ Media Queries to enhance Text by 3 points to be enlarged in various Monitor and Mobile Devices, re-scale all menus and data display to work on specified devices.
- Responsible for developing architectural frameworks for mobile application development.
- Using insights from his research on web design best practices, provided strategic advice to the senior management on web and mobile applications development and implementation as well as regarding website needs.
- Implemented usability strategy to correct CSS 2.0 or higher / Media Queries to enhance Text by 3 points to be enlarged in various Monitor and Mobile Devices, re-scale all menus and data display to work on specified devices.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled/reported on. recommendations were made and presented to senior officials/management.
- Built Test cases using various Using Blackberry 10.1, Android (KitKat, and Lollipop), iOS (iPad Pro, Air 2, Mini 4, Mini 2), Various Browsers, IE, 8,9 Firefox, and Chrome. Scalable Monitor for the visually impaired.
- Full access with Keyboard only All pages played text in both official languages using Jaws and Windows Screen readers.
- Built and managed documentation of Test cases using various Blackberry 10.1, Android (KitKat, and Lollipop), MacOS (iPad Pro, Air 2, Mini 4, Mini 2), Various Browsers, IE, 8,9 Firefox, and Chrome.
- Created a scalable Monitor for the visually impaired. Full access with Keyboard only All pages played text in both official languages using Jaws and Windows Screen readers.
- Used DocBook to manage writing structured documents in SGML or XML.
- Of the following: GOC, CGI, Bell, F5, and NETIQ for each stage of the Site/Application Development based upon the Source/Functional Document Supplied by Bell.
- Participated in regular meetings with Clients to resolve Issues and prioritize deliverables.
- Mr. Lavergne was part of the Steering committee that created user-centric methodologies for software and/or web application design for the TBS SC Web renewal project. His activities included.
- Participating in meetings, developing documentation such as project plans, design specs, and test cases, using the MS Office suite.
- Resource Management Scheduling, Software Development, Automation, and Validation Tools: certified by the ACT for web accessibility conducting and concluding end-user/client interviews who conduct heuristic evaluations on websites and web applications based on the results of each test.
- Wrote tests and analyzes test cases/sandbox.
- Created and continuously reviewed project plans. building MS Project / Excel spreadsheet to follow the 38 requirements identifying failures.
- Created a Second Project Plan to adapt for the New WET template, CSS.2.0 or higher Correction. and New JavaScript.

- Planned for new issues based on the vendor refusing to do a Change of Management and the departure of the Auditor at SSC.
- Performed Usability Testing sessions with the public.
- Gathered and documented project plans for management.
- Created User cases from end to end: Structure, Naming Conventions, IDs, Organization, Steps, Expected Results, Post Condition, Actual Results, Status to completion, Comments, and Notes. In the Test Case Excel file with Function to indicate.
- Pass, Fail, N/A: a pulldown menu that calculated to a % and a total for all W3C 38 specific Requirements and indicated this information and displayed it on the page in real-time.
- The Testing Process in the Test Environment: Testers were randomly selected from TBS communications staff. The Selected staff. The page that has passed is closed, and if fails a meeting would be required with the Client and Development Team to solve the failure. These results were analyzed for correction and or acceptance of the result.
- All information and the Level of Failure that accrued were recorded in MS Word and MS Excel.
- Focus was Validation Failed on several of these forms.
- Fixed Color issues and created a full working template that was accessible and met GOC Standards WET and WCAG.
- Examples of tests.
- Scaling for Text off and scalability of Text, Image size, video playback, Navigation, (Hamburger Menus), Validation Usability, and Accessibility for WCAG 2.0, WET 3.1, 4.0 GOC Web Standards Default Browser IE 8,9. I made it to work in Firefox and Chrome on my own time.
- As well as Performance Testing, Memory Leakage, Installation Testing, Security Testing, and Update testing. When the Project Started it used WET 3.1 But at the end of the Project was 4.0, and 3.1 was Redundant.
- Provided recommendations to update Software to new Template Supplied and Template made on my own time.
- Developed Detailed Project plans to meet TBS SC web renewal.
- Developed Project plans for project leads to ensure the project continued successfully during the engagement, and that longer renewal and migration factors were accounted for.
- The final recommendations report incorporated project plans to summarize recommended activities, including the level of effort, team responsibility, and timing.
- Provided an integrated view for the 2014-2017 period, covering renewal and migration preparation, website updates, ongoing testing and evaluation, and the phased content migration to Canada.ca.
- Prepared and assessed web content. Assessed HTML WET 4.0 PDF Mobile and internet portals and Web applications ensuring compliance with WCAG 2.0 standards. Conversion of 3.7 application to 4.0.17–1.
- Managed the Development Cycle, assembled Content Packages Submitted Content for review, Imported feedback for correction, and Published content.
- Coordinated web application development with Front End Developers for Bell, CGI, F5, Bell, and NetIQ IIS Web services.
  This involved applying user-centric design techniques for the management team.
- Coordinated web application development with other technical groups. Used "Centra" to communicate with Dev teams in Ottawa, Texas, Utah, and Quebec City for QA and Development.
- Developed a Secure design for server-side scripts.
- Developed a new WET "4.0.17–1 Intranet" Template for the project.
- Coding in HTML5 CSS.2.0 or higher JavaScript, jQuery Possible use of JSON and Angular JS.
- Corrected CSS 2.0 or higher and Tracking Bugs in the Template and passed information back to the AAACT and Paul Jackson at TBS.
- Provided analysis, development, and technical recommendations of content and information architecture specifications design, process development, process mapping, and training to support onboarding and processes related to migration to Canada.ca as part of the Team Lead and department lead role of the Web renewal/usability team.
- These recommendations for specific Accessible enhancements were delivered to GOC Management for consideration, and all were adopted in the new versions of the WET Template System from TBS created by Paul Jackson.
- Web Usability Strategies and recommendations provided to management for enhancement including Color for the general template to meet WCAG 2.0 and current Canadian standards used on all GOC SSC Web pages.
- Used Web Experience Toolkit (WET 4.0) and converted to HTML5 complex documents (complex defined as containing photos, charts, graphs, or multimedia components, and transactional, forms based, with multi-step business processes with server-side elements \mapping content for Analyst) for the Web to comply with the requirements of the Government of Canada Standard on Web Accessibility.
- Worked with the Canada.ca development team and communications teams to develop usability strategies, content, design, and accessibility.
- Corrected CSS 2.0 or higher to enhance Text to be enlarged in various Monitor and Mobile Devices.
- Enhanced Color to read by individuals with Color blindness.

- Enhanced mouse and tabbing to indicate a proper contrast in Color when the user is navigating the page.
- Implemented proper navigational Techniques with links that return the user to the original location for example Table of Contents footnotes charts and figures.
- Reused XML code to store data in a separate database used by another department. Database and backend server (classified).
- Made Code Changes for Front End Developers in JavaScript and CSS.
- Consultant on Interface designs for PS, Mac, and Mobile interfaces.
- Created custom HTML5 and XML templates using WET and collaborated with Laurent Goderre on bugs Mr. Lavergne had found. Worked with Paul Jackson on future builds of WET.
- Monitored IIS log files for providing site usage statistics.
- Created in Cold Fusion Stats a metrics gathering in QA Process (Components of the Application).
- Participated in regular meetings with Clients to resolve Issues.

Environment: WET 3.0 Template wetboew css and wetboew JavaScript, WET HTML. Word, Excel

Web Architect, UX/UI Designer, and Web Developer	**Jan 2018 – Mar 2018 (3 months)**

Client: NRCan
- **Project**: To Takes several of the PDF forms and make the Web accessible but I cannot see blind people getting legal access to explosives and fireworks., Mr. Lavergne acted as the Senior UX/UI Web Designer to develop a variety of web-based forms/applications to meet WCAG Accessibility/Usability standards. He had overall responsibility for the development of 100 Fully Functional Dynamic electronic form applications. Tasks included:
- Designing all parts of the User Interface of the NRCan web application based on Task Analysis and Business Use Cases (Model-driven approach/) by the highest WCAG and UI/UX standards with a UCD (user-centered design) and RWD (responsive web design) approach.
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Web applications and pages were created and implemented based on the agreed-upon design, layout, and features.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled/reported on. recommendations were made and presented to senior officials/management.
-
- Web Usability/Accessibility Consultant to convert Microsoft Word 2010, Adobe Acrobat Pro 9, 11, DC, Drupal Live Cycle, Excel, HTML5 DHTML, and XML. PDF transactional, forms-based, with multi-step business processes for all Canadians buying Fireworks or Explosives in Canada, to register permits.
- Converted standard and complex Web Accessible PDF and HTML5, DHTML, and XML pages from Word/Excel documents in Adobe Live Cycle and Adobe Acrobat 11, ensuring compliance with WCAG 2.0 WET standards.
- Created a project plan for the conversion of approx. 275 standards (1–5 pages) documents and 1 large, Complex (250 pages) document. These documents were mainly technical/scientific relating to matters such as energy, mining, earth sciences, etc. exceeding 16,000 pages.
- Drupal CMS to Create and manage page content and templates.
- Converting existing XHTML Documents to be used in the new Drupal WCMS. The project plan involved the following steps: naming conventions, locations, resources, and content. timelines, automation, general application functionality, simple documents, complicated documents, PDF conversion, Signature included, Signature Stored.
- Accessibility/Usability Testing IIS Web services and monitoring statistical gathering testing and project plans were conducted with the public.
- Testing Team Mr. Lavergne and members of NRCan staff selected NRCan emergency and paramedic teams from Specific locations assigned from the NRCan Management location on Slater Street Ottawa that conduct and conclude end-user/client interviews (meetings).
- Functional testing Location Search updated lists of current equipment on location, Contact Information adding/removing content.
- Usability Testing: Navigation, Content corrects, Speed of response time on requests from location, equipment failure, Injury or Death. Saving files and updating content.
- Load testing on Multiple hits per location to find breaking points, Security, and administration of server content.
- Offer Strategies for Mobile Development and implement proper templates to meet this requirement. Content Design and Development met some Android and iOS devices lacking testing devices but used simulators for others.
- Mobile Testing on Note 3 Android Device Note 5 Tablet and iPad devices for iOS were the only devices available to test with.

- Having Meetings weekly on assigned tasks and presenting all my work using PowerPoint, Word, Excel, and IE for the Web component.
- Accessibility Testing Mr. Lavergne created new CLF 2.0 Government of Canada templates Standard Look and Navigation, Content matches in French, Contrast Luminosity Color, Validation on forms, Page content format, Metadata, Page titles.
- NRCan would review converted pages from Mr. Lavergne and follow the original way it was made the page was moved to the new template and test form from the new page and verify its original functionality. If NRCan requested new functionality a design doc was supplied by NRCan, and the page would be created and conducting heuristic evaluations by staff to conclude new function works and the page would be signed off.
- Using Drupal with plugins to migrate additional content including forms. Additional Coding in PHP to meet Government of Canada standards.
- Large Documents WET4.0 format.
- Conversion of Excel spreadsheets to accessible PDF forms.
- Conversion and creation of interactive forms and multi–page documents with complex tables and images requiring alternative text and long descriptions.
- Provision of IM support for the organization's current set of accessible PDF forms and documentation procedures.
- Created iteratively redesigned UI Prototypes based on usability testing and feedback in Web Experience Toolkit (WET 4.0) Web Development converting complex documents (complex defined as containing photos, charts, graphs or multimedia components, and Forms and Server-side elements) for the Web to comply with the requirements of the Government of Canada Standard on Web Accessibility.
- Created UI-related artifacts such as wireframes, user flows as well and low and high-fidelity prototypes.
- Working with high-level Management with detailed documentation (Offering Software solutions). On for design Specs and User experience.
- Communications Mr. Lavergne Test User, Management (NRCan) to confirm application or site to pass or offer feedback in reports for modifications after scope. If any correction was needed Mr. Lavergne repaired or received a sign-off concluding that section. Offering suggestions to make the forms function and react better to improve usability.

Environment: Acrobat, Word, HTML5, JavaScript, and CSS3.

Web Architect, UX/UI Designer, and Web Developer	**Aug 2012 – June 2013 (11 months)**

Client: Canadian Radio - TV and Telecommunications Commission

- **Project**: To update all CRTC sites to meet new standards assigned by TBS Share was a team of 5 when started rest were either fired or quiet because they did not know what to do. They kept me on for almost 2 months on staff after I finished the Audit and Upgrades,
- Mr. Lavergne was the Senior UX/UI Web Designer responsible for creating WCAG and WET-based course material from older non-compliant formats. The applications were created in HTML5 WET WCAG. Overall, there was the completion of 23 new .net applications. Responsibilities included:
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Web pages were created and implemented based on the agreed-upon design, layout, and features.
- Designed, developed, and integrated Websites, Web Applications, Layouts, and User Interfaces for multiple browsers, multiple screen sizes, and multiple platforms based on Business Use Cases by W3C, WCAG 2.0, and CFL 2.0 standards using HTML, HTML5, XHTML / CSS, JavaScript, jQuery.
- Audit would Identify and document information for development regarding an error. Was logged Identified, Corrected, Reviewed, Passed, Failed, Reviewed, or Closed.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled/reported on. recommendations were made and presented to senior officials/management user-centric final design.
- Participated as a member of the WCAG accessibility initiative team that reported to senior management Create WCAG 2.0 C# .Net / HTML5/XML, DHTML, CSS HTML applications.
- Conducted a public-facing review of the website and reported on the level of accessibility. Project management planning and implementation.
- Developed 2 web usability strategies which included recommendations for enhancement.
- Designed new iteratively redesigned Custom Templates (low and high-fidelity UI Prototypes) based on usability testing and feedback. This was a completely new design strategy to meet CRTC-specific departments, and Communications Acceptance following Government of Canada CLF, WCAG 2.0, and W3C standards.

- Following specifications implemented the agreed upon design, layout, and features: new functionality, Navigation, enhanced Usability, Accessibility, Security, Backup, Archival, and Upload for Mobile versions of applications for Android and iOS.
- Applied Centered Design (UX) concepts and integration on the website based upon Common Look and Feel (CLF), WET 2.0, and WCAG 2.0 guidelines/standards to meet current usability for mobile devices for Android and iOS.
- Web Experience Toolkit (WET 2.0) Web Development converting complex documents (complex defined as containing photos, charts, graphs or multimedia components, and page transactional, forms based, with multi-step business processes and Server-side elements) for the Web to comply with the requirements of the Government of Canada Standard on Web Accessibility.
- Data Mapping for communications to SQL server Database – the creation of Stored Procedures for various applications.
- (WCMS) Troubleshooting and Debugging C# .net 4.0 to SQL DB. Create Return request handlers in XML for data from OpenText ECM.
- Managed adjustments to the OpenText ECM on new data in modified pages with Oscript Adding Tabs for new content.
- Monitoring of IIS logs Load testing.
- Usability Strategies and Testing and conducting and concluding end-user/client interviews with high-level Management with detailed documentation. For design Specs and User experience.
- Updated website content to meet and exceed current standards (CLF 2.0/WCAG 2.0) Provided project management support for CLF–WCAG compliance for Audit.
- Modified/Changed, custom (standalone) Content Management (WCMS) systems administration (SQL backend with ASP front end) to create multiple website pages.
- Applied CLF 2.0 and WCAG 2.0 standards and guidelines to website/website content.
- Validated website content using W3C and CSE HTML validator tools to ensure compliance with W3C standards and governance.
- Performed conversion of policy documents, newsletters, annual reports, and technical documents associated with CRTC technical repairs, Satellite communication, (MS Word documents) to XHTML, HTML5/XML, DHTML, CSHTML, .net 4.0, SharePoint, and supported conversion to WCAG 2.0 standards.
- Created a project plan for the conversion of 23 complex pages transactional, forms-based, with multi-step business processes coded in.NET4.0 with LINQ Standard Query Operators.
- Classic ASP (approx. 16,000 pages) The project plan included the migration schedule, testing, resources, budget, training, Software for validation, documentation (functional or design spec) wireframes, and sandbox for test cases.
- Converted SharePoint Templates for Server farm top–level element of a logical architecture design for SharePoint 2013. Creation/Modification of SharePoint Object Models CMS.
- Created step-by-step Process documentation for usability testing for other webmasters and Front-End Developers. This was based on Browser, Naming Conventions, ID's Text Content, Graphic Content, and Multi-Media components like Video and Audio.
- Conversion of Existing .Net and classic ASP applications to be WCAG2.0 compliant. CLF2.0.
- Modifying existing CLF2.0 applications to WET 2.0 WCAG, HTML 5, CSS.2.0 or higher .Net 4.0, C#, SharePoint WCMS.
- Creation of New applications to comply with WET2.0 HTML 5 /.Net 4.0 Conversion of SharePoint Applications for .Net and to be WCAG compliant.
- Information Architecture and review for new project plans and organize site and application for conversion.
- Creation of project plans and Test cases in MS Project and Excel. Based on Users, interactions for each step to the completion of the Course.
- Supplying information to 3 levels of Management based on the deliverable that was required at the time. Met specific timelines due to the amount of work on 23 sites and little more than a year to convert .net and SharePoint Sites that needed to meet Government of Canada standards.

Environment: Visual Studio (Web Editor), .net 4.0 3.0, C# Server side Includes, with Session Variables, Metadata (code), XML OpenText ECM, SQLServer2010, XHTML HTML4 DHTML, CSHTML, CSS.2.0 or higher, JavaScript, AJAX, JSON Excel, querying, and macros Microsoft word, CLF2.0 WCAG 2.0 HTML 5.0 WET, templates, Adobe Acrobat Pro X, Web trends Google analytics, using Service Oriented Architecture (SOA) CSE HTML Validator, W3C Validator, Desk top Vis, Wet 2.0 tools, XHTML Strict 1.0.net 4.0 C#, Classic ASP to .net 4.0 Various browsers IE and Firefox.

Web Architect, UX/UI Designer, and Web Developer   **Nov 2011 – July 2012 (9 months)**

Client: Treasury Board of Canada Secretariat

- **Project**: To create the base templates that would make the Canadian website Accessible to meet WCAG 1.0 and 2.0 to convert and modify existing TBS to meet this new standard that all the GOC sites to upgrade to. Currently Canada.ca template. Also was asked to be part of the Steering committee to make prototypes of the new templates.
- Mr. Lavergne worked as a UX/UI Web Designer on Multi-Media UI/UXAD/Auditor for Usability/Accessibility, and UX design for Color, contrast, luminosity, Navigation, Layout, and interactions. Responsibilities included:
- Designing all parts of the User Interface of Treasury Board web applications) based on Task Analysis and Business Use Cases (Model-driven approach) by the highest WCAG and UI/UX standards with a UCD (user-centred design) and RWD (responsive web design) approach.
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Applications were created by the information gathered and the creation of step-by-step requirements.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- Start User interviews/testing on sections of the site to determine if need to be archived, and prioritize Sections to be created new, altered, modified, and corrected.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled/reported on. recommendations were made and presented to senior officials/management.
- Define Specific needs for pages that deal with Forms, Graphs, Tables, Navigation, Image size and Identification, Page flow, Special links for footnotes, External links, Abbreviations Color contrast, Usability (ease of use), Content, Static, Dynamic, Animation and video (captions and controls).
- Presented design concepts and functional mockups to senior management which required the designing of low-fidelity and high-fidelity UI prototypes and repeated redesign based on usability and testing feedback.
- Create user test cases and have users test and document findings. Set up a QA team to make corrections for Users to do the final test and sign off. Create Test case documentation for all steps of Correction and production.
- Creation of new video controls and presentation, Creation of user cases and design for Dynamic Forms (PDF and HTML version) to meet all Government of Canada and WCAG standards.
- To Create new Standards for mobile Devices and sites to have responsive media queries to make pages viewable on the current Android and iOS platforms for Tables and Phones.
- Participated as a member of the WCAG accessibility initiative team that reported to senior management.
- Communications: Dev repairs conversion as well Paul Jackson on New additions from the steering committee conducting and concluding end-user/client interviews (meetings) for future WET templates. Audit Team, PMP, Management, Director.
- AAACT team of Special issues users conducting heuristic evaluations of Websites and applications based on the 38 WCAG 2.0 requirements (W3C link above).
- Developed project plans to work through content mapping, information architecture, and research phases.
- Web Experience Toolkit (WET 2.0) Web Development converting complex documents (complex defined as containing photos, charts, graphs or multimedia components, and Forms and Server-side elements) for the Web to comply with the requirements of the Government of Canada Standard on Web Accessibility.
- A member of the Steering Committee that set the Rules for WCAG and WET for the Government of Canada.
- Create UI Prototypes for WCAG 2.0 PDF page transactional, forms-based, with multi-step business processes (Adobe Acrobat Pro X, Adobe LiveCycle, and CLF2/WET).
- Conversion of Word and WordPerfect Documents to XHTML then to HTML 5 DHTML for some applications.
- Conducted a review of the website and reported on the level of accessibility.
- Created Custom Templates and applied Centered Design (UX) concepts and integration on the website based upon Common Look and Feel (CLF) 2.0 and WCAG 2.0 guidelines/standards.
- Implement Testing Teams that rotated sections to enhance productivity and accuracy on the 38 requirements from W3C. laid out in an Interactive Excel worksheet for the QA team.
- QA checked others' work to make sure no sections were missed.
- Updated website content to meet and exceed current standards (CLF 2.0/WCAG 2.0).
- Performed MS Word, Excel, and WordPerfect document conversion to XHTML (website content) in compliance with WCAG 2.0 Government of Canada CLF 2.0 standards and WCAG 2.0, Interwoven (Team Foundation Server), Creation of Interwoven (Team Foundation Server) templates, and Data Capture Templates that all sites were compliant. Created and documented my findings for Staff and Project Management to use when the contract was completed.
- Provided project management support for CLF–WCAG compliance for Audit.
- Used proprietary, custom (standalone) Content Management (WCMS) systems administration (SQL backend with ASP front end) to create multiple website pages.
- Applied CLF 2.0/WET and WCAG 2.0 standards and guidelines to website/website content.
- Validated website content using W3C and CSE HTML validator tools to ensure usability testing was within compliance with W3C standards.
- Performed conversion of policy documents, newsletters, annual reports, and technical documents containing economic data, forecasts, and departmental budgetary issues (MS Word documents) to XHTML and supported

conversion to WCAG 2.0 standards. This involved several hundred large, complex documents and thousands of standard documents. Exceeding 15,000 pages.
- Converted various Word documents to accessible PDF, XHTML 1.0, HTML 4/5, CSS 2.0 or higher.
- Providing IA and IM for the processes for the Steering committee, Database structure, naming convention, and workflow processes and reporting these findings to senior management as well as IIS Web services and Monitoring.
- Followed Usability Departmental guidelines and best Practices for Navigation and User Experience suggested to create content and visuals for the Government of Canada CLF and WCAG.
- Created step-by-step Process documentation for other webmasters and Front-End Developers. Project Management between Front End Developers and WEB Drive and TBS Management Team.
- Requirement gathering was not required all the requirements were supplied Treasury Board, W3C, and WET.
- 3.7 .net 4.0 with LINQ Queries Current design Doc on Function and layout. Responsive behaviour for Mobile applications and site for handheld devices.

Environment: Visual Studio (Web Editor), Dreamweaver (Web Editor) CS4, CSS.2.0 or higher, Server Side Includes, Metadata (code), XHTML JavaScript, jQuery, AJAX, SOAP, Excel, Microsoft Word, CLF2.0 WCAG 2.0, XHTML Strict 1.0, HTML5 WET templates.net C#, LINQ Queries, Classic ASP, Adobe Acrobat Pro X, Adobe LiveCycle Designer, Web trends, Google analytics, CSE HTML Validator, W3C validator, Desk top Vis, using Service Oriented Architecture (SOA), IIS WET 2.0 tools, Various browsers IE and Firefox

Web Architect, UX/UI Designer, and Web Developer	**May 2011 – Sept 2011 (5 months)**

Client: TBS

- **Project**: Full WCAG Audit of all pages Batch working on common issues Creation of Processes and workflows Documenting work. Building New Template models for the renewed contract for TBS to make the creation of WET 2.0, 3.0 4.0 Canada.ca, Mr. Lavergne worked as the Senior UX/UI Web Designer on over 100,000 pages, applications, and PDF documents to be migrated. He focused on the UI/UX design for Color, contrast, luminosity, navigation, layout, and interactions. Responsibilities included:
- Needs analysis, Document section based on Date and need Determine a business plan and assignment of Resources for Dev, QA, and user testing. The batch search process to speed up the outcome.
- Understanding the WCAG requirement and assigning training for TBS staff. Coordinate these training sessions with the ACT and Jeff Stark.
- Creating new interactive animated HTML5 / CSS3 modules and redesigning current parts of the web application User Interface of Treasury Boards online initiative based on Business Use Cases and by the highest WCAG and UX standards with a UCD (user-centered design) and RWD (responsive web design) approach.
- Coordinate information sessions with Paul Jackson's team on the new WET format from CLF2.0. For new web templates for WCAG specific Items such as Navigation control standards, Page and form validation, General layout standardizing Full page, 2 and 3 Column video controllers. The general page format and proper HTML DHTML CSHTML XML practices etc.
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Applications were created by the information gathered and the creation of step-by-step requirements.
- Planned and conducted user research, UI/UX design based on the results and delivered information architecture, personas, storyboards, task flow and scenarios, wireframe mock-ups, and on-brand high-fidelity visual designs in an Agile product development process and making sure that it is compliant with AODA WCAG 2.0 Level AA.
- Presenting design concepts and functional mock-ups to senior management which required the designing of low-fidelity and high-fidelity UI prototypes and repeated redesign based on usability and testing feedback.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- Start User interviews/testing on sections of the site to determine if need to be archived, and prioritize Sections to be created new, altered, modified, and corrected existing.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled and recommendations were made to senior officials/management.
- Define Specific needs for pages that deal with Forms, Graphs, Tables, Navigation, Image size and Identification, Page flow, Special links for footnotes, External links, Abbreviations Color contrast, Usability (ease of use), Content, Static, Dynamic, Animation and video (captions and controls). Create user test cases, have users test, and document findings. Set up a QA team to make corrections for Users to do the final test and sign off. Create Test case documentation for all steps of Correction and production.
- Creation of new video controls and presentation, Creation of user cases and design for Dynamic Forms (PDF and HTML version) to meet all Government of Canada and WCAG standards.
- Considering that fact of Mobile Application Development with the WET templates to function on Mobile hand-held devices. Using current trends in application Development and communications to existing Databases. Build earlier template versions to be responsive for these devices. And future updates to current trends in the future.

- Participated as a member of the WCAG accessibility initiative team that reported to senior management supplying requirement-gathering based on the lawsuit to the federal government to make all public-facing web pages Accessible and have usability for the blind, handicapped, and cognitive limitations for the Steering Committee for the New initiative team Guild lines were created by the information gathered and creation of step-by-step requirements.
- Developed project plans to work through content mapping, information architecture, and research phases. Building Usability/Accessibility Test cases based on Type of affliction, Navigation, Ease of use, location of Documentation, Browser specifics, and applications.
- Conducted a review of the website and reported on the level of accessibility.
- AAACT team of Special issues users conducting heuristic evaluations of Websites and applications based on the 38 WCAG 2.0 requirements (W3C link above).
- Created Custom Templates and applied Centered Design (UX) concepts and integration on the website based upon Common Look and Feel (CLF) 2.0 and WCAG 2.0 guidelines/standards.
- Performed website troubleshooting and resolved issues.
- Updated conversions of website content to meet and exceed current standards (CLF 2.0/WCAG 2.0) Provided project management support for CLF–WCAG compliance for Audit.
- Providing IA and IM for the processes for the Steering committee, Database structure, naming convention, and workflow processes, and reporting these findings to senior management.
- Used proprietary, custom (standalone) Content Management (WCMS) systems administration (SQL backend with ASP front end) to create multiple website pages.
- Mapping Content to XHTML and PDF versions from no web sources.
- Guided third-party usability testers to create a usability user group approach and methodology. Analyzed usability guidance and incorporated feedback in the final version of wireframes.
- Applied CLF 2.0 and WCAG 2.0 standards and guidelines to website/website content.
- Validated website content using W3C and CSE HTML validator tools to ensure compliance with W3C standards.
- Performed conversion of policy documents, newsletters, annual reports, and technical documents containing economic data, forecasts, and departmental budgetary issues (MS Word documents) to XHTML and supported conversion to WCAG 2.0 standards. This involved several hundred large, complex documents and thousands of standard documents.
- Converted various Word documents to accessible PDF, XHTML 1.0 HTML 5 CSS.2.0 or higher to meet and exceed Web accessibility standards.
- Performed complex conversion of PDF documents to XHTML Web accessibility using Adobe Acrobat Pro and Adobe LiveCycle Designer.
- Followed Usability Departmental guidelines and best Practices for Navigation and User Experience.
- Created project plans including step-by-step process documentation using MS Project, and Excel for use by webmasters and Front-End Developers for correcting and recording data per page of Projects.

Environment: Dreamweaver (Web Editor) CS4, Server Side Includes, Metadata (code), XHTML CSS.2.0 or higher, JavaScript, Excel, Microsoft Word, Adobe Acrobat Pro, Adobe LiveCycle Designer, CLF2.0 WET 2.0 3.7, WCAG 2.0 XHTML Strict 1.0, HTML5, .net C#, LINQ Queries, Classic ASP, Web trends, Google analytics, using Service Oriented Architecture (SOA), CSE HTML Validator, W3C validator, Desk top Vis, Wet 2.0 templates, various browsers IE and Firefox.

Web Architect, UX/UI Designer, and Web Developer	**Aug 2010 – Apr 2011 (9 months)**

Client: Department of National Defense

- **Project**: Modify to Common look and feel pre-TBS initiative and recreate the interactions with the Database. Bug fixes in PHP., Mr. Lavergne took the existing site which was Common Look and Feel 1.0 that was not supported by Shared Services Canada and upgraded the site to meet CLF 2.0 while adjusting new links removal of redundant archivable information. Responsibilities included:
- Converted the Department of National Defense (DND) online registry application (website) to Government of Canada (GOC) Common Look and Feel (CLF) 2.0 and W3C Web Content Accessibility Guidelines (WCAG) 2.0 Government of Canada (GOC) Common Look and Feel (CLF) 1.0 to new 2.0 this is the Complex Governance publishing models what it was called then and is part of the TBS SC web renewal of GOC web sites and applications.
- Designing all parts of the User Interface of DND web applications based on Task Analysis and Business Use Cases (Model-driven approach) by W3C standards and UX standards with a UCD (user-centered design) and RWD (responsive web design) approach.
- Project plans, test cases, planning meetings, Design docs, Using MS Office Products. To meet and exceed the governance model.
- Level of approval Mr. Lavergne Final approval NSS Team Lead and Management.
- Multi step Cycles involved page conversions to new CLF 2.0 Templates This did not affect content other than some updates to HTML, DHTML, and XML to meet new standards from HTML3 to XHTML strict 1.0 CSS.2.0 or higher no visual or functional impact. New functionality for search and display based on location inventories, Locations to add

new equipment, and Response times based on the perimeter of calls from the Paramedic or first response's Geographical location.

- Used Dreamweaver as HTML Editor and modified the Cascading Style Sheets (CSS) for a departmental look and feel.
- Created new JavaScript for new functionality, repaired existing ASP code, and created new ASP code to communicate with new SQL database elements.
- Added new functionality to enhance the user experience.
- Applied Centered Design (UX) strategy to implement concepts and integrated required enhancements to websites based on new GOC CLF 2.0 standards and WCAG 2.0.
- Developed metadata for site search optimization.
- Created new SQL schedules for mass mailing, and auto deletions of redundant or inactive files.
- Created a Functional Design Document for the website in support of future development and offered technical support on any issues that could arise in the future.
- Providing IA and IM support for, Database structure, naming convention, and workflow processes, and reporting these findings to senior management.
- Performed audit and correction for WCAG and CLF standards. Set up test cases for migration of the site to the new format and created workflow sheets in Excel for the client.
- Performed conversion of MS Word and PDF documents (NSS content included updates on search and rescue organizations across Canada and associated technical data regarding the capabilities of first responders) to XHTML 1.0 strict and supported conversion to WCAG 2.0 standards.
- Converted the old Site to a New Template Created Documentation for management on its function and look. Conversion and testing of old CLF 1.0 to CLF 2.0 and repair Functionality of about 15,000 pages.
- Used W3C validator to validate web page and code and used Dreamweaver as a web editor.
- Based on usability testing and feedback published iteratively redesigned UI prototypes (high and low fidelity) for web content using a custom-developed enterprise Content Management (WCMS) systems administration developed in–house using ASP front end and SQL backend (for file storage and data retrieval).

Environment: ASP, ASP.Net, with Regular expressions MS SQL Server 2005, Dream Weaver (Web Editor) CS4, CSS.2.0 or higher, Server Side Includes, Metadata (code) HTML, XHTML, (code, JavaScript some AJAX), Microsoft Word, Microsoft Excel, IT support role: Setup VPN connections, IIS server support, MS SQL server support, using Service Oriented Architecture (SOA) CLF2.0 HTML WCAG 2.0, XHTML Strict 1.0, 5.0 WET templates CS5 Adobe suite (Photoshop, Illustrator) Various browsers IE and Firefox

Web Architect, UX/UI Designer, and Web Developer	Feb 2010 – July 2010 (6 months)

Client: DFAIT

Project: Continuation Extension contract to complete the Audit and Correction of all DFAITS missions all over the world

Mr. Lavergne worked on the Government of Canada (GOC) Common Look and Feel (CLF) 2.0 Governance publishing models and the TBS SC web renewal of GOC websites and applications. Responsibilities included:

- Converted/updated Department of Agriculture websites, including multimedia design and form development, to Government of Canada (GOC) Common Look and Feel (CLF) 2.0, W3C, and XHTML 1.0 Strict standards, and following Web Content Accessibility Guidelines (WCAG) 2.0 which involved making the XHTML/HTML 4.0/5.0 web access to the visual and/or auditory impaired audience via multiple browsers.
- Designed, developed, and integrated Websites, Web Applications, Layouts, and User Interfaces for multiple browsers, multiple screen sizes, and multiple platforms based on Business Use Cases and Task Analysis by W3C, WCAG 2.0, and CFL 2.0 standards using HTML, HTML5, XHTML / CSS, JavaScript, jQuery.
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Applications were created by the information gathered and the creation of step-by-step requirements.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled and recommendations were made to senior officials/management.
- Adding existing and new content to Interwoven (Team Foundation Server) CMS from Proprietary PHP CMS.
- Documented/reported in MS Project, Excel, and MS Word on website audit findings for remote locations for future self-governance on created pages.
- Conversion of Word Documents to XHTML and PDF versions.
- Developed and implemented improved standards in usability for handicapped and non-handicapped users.
- Created a detailed project plan and the tools to assist in monitoring ongoing project success and long-term sustainability.

- Performance measurement reporting templates Key performance indicator tables.
- Organizational realignments, Roles and responsibilities, migration schedule, process mapping, training, and development of team structures for the staffing of a performance measurement group within the department.
- Conducted and documented quality assurance of completed sites.
- Supported clients with interactive UI prototypes to demonstrate connectivity to other components of their sites and iterations on pages.
- Co-developed new and higher best practices for the Department of Agriculture.
- Converted MS Word, WordPerfect, and PDF documents to XHTML 1.0 strict. HTML 4 worked with several hundred standards and large, complex documents which included scientific documentation (e.g., bovine, agriculture reports, etc.).
- ROT process for identifying and documenting dated redundant web pages and offering suggestions for archiving to internal clients including the use of online and offline archiving. Create Processes for the Archive pages based on Page ID, Date, and Content.
- GOC Standard Roles for IT staff on Back End Configuration Network security.
- Used Interwoven (Team Foundation Server) (Team Site) as the Content Management (WCMS) systems administration to store and publish web pages and assisted the Content Management Team in Interwoven (Team Foundation Server) issues.
- Provided technical support and liaised with various customers across Department of Agriculture divisions Contributed to the Department's information Wiki on Best Practices in Web Development.
- Image enhancement/manipulation for web-safe Color for multiple browsers.
- Based on usability testing and feedback created iteratively redesigned low and high-fidelity UI prototypes for multimedia design and development incorporating Flash shockwave movies, Flash Video FLV, Windows Media Files, Quick Time Movies, and Audio Mpegs into Department that is compliant with CLF 2.0 WCAG 2.0 and Best Practice Standards.
- Supported QA team with User Acceptance Testing (UAT) and performed validation of website using TOTAL Validator, W3C Validator, contrast checker, and Vischeck.
- Provided technical support for reverse engineering Vendor-supplied Flash files that were not compliant.
- Converted vendor-supplied Flash SWF files using Camtasia (screen video capture tool) and saved them to Flash FLV files.
- Modify and update page transactional, forms-based, with multi-step business processes for the Agri-food Loans for Farmers, Animal Health, Crop infestations, etc.
- Performed data source integration for Flash using TXT and XML data sources and integrated Flash Video into Flash.
- Created and delivered PowerPoint presentations related to the conversion of Shockwave movies which were converted to other multimedia formats such as Windows media players with transcripts.

Environment: Interwoven (Team Foundation Server) WCMS (Team Site) Templates and data capture Templates CMS (TinyMCE), Home Site, Dream Weaver CS4, Flash CS4, Adobe Video Converter CS4, Adobe Acrobat Pro, Photoshop CS4, Camtasia, CSS.2.0 or higher, Server Side Includes, Metadata, HTML 4.0, XHTML Strict 1.0, HTML4, DHTML, CSHTML, XML, JavaScript, Infobank CLF2.0 WET templates WCAG 2.0 CS4 Adobe suite (Photoshop, Illustrator) Twitter, Vischeck, using Service Oriented Architecture (SOA) W3C Validator, Total Validator, YouTube Google Analytics, Various browsers IE and Firefox

Web Architect, UX/UI Designer, and Web Developer	Mar 2007 – Dec 2009 (34 months)

Client: DFAIT

- **Project**: Audit and Conversion of all DFAIT sites to new standard CLF 1.0 to 2.0,
- Mr. Lavergne was a Senior UX/UI Web Designer on a project with the migration of 1500 Mission Sites. Responsibilities included:
- As a member of the WCAG accessibility initiative team that reported to senior management supplied requirement-gathering based on public-facing web page accessibility/usability for all. Applications were created by the information gathered and the creation of step-by-step requirements.
- Designing all parts of the User Interface DFAIT web applications based on Business Use Cases (Model-driven approach) by the highest WCAG and UI/UX standards with a UCD (user-centred design) and RWD (responsive web design) approach.
- Moderated testing sessions with the public to ensure compatibility/usability of the site.
- After substantial testing on the accessibility/usability of sites analyzed user testing results were compiled and recommendations were made to senior officials/management.
- Performed conversion of DFAIT websites from Common Look and Feel (CLF) 1.0 to 2.0, Web Content Accessibility Guidelines (WCAG) 1.0 to 2.0 and converted to XHTML (this involved making XHTML/HTML 4.0 DHTML, CSHTML, XML web access to the visual and/or auditory impaired audience thru multiple browsers).
- Using Dreamweaver Authoring tool too.
- Modify and create CSS for new and existing functions and existing interfaces. Created Dynamic components with JavaScript.
- Involving public users and facilitating testing developed and implemented better standards in usability for handicapped and non–non-non-handicapped users Tools to assist in monitoring ongoing project success and long-term sustainability. These included: Performance measurement reporting templates.

- Organizational realignments: Roles and responsibilities, process mapping, training, and development of team structures for the staffing for performance measurement.
- Project Plans to Identify all CLF 1.0 WCAG 1.0 failures.
- Assignment of sections to migration teams to be broken down by the 38 requirements by WCAG 1.0 as well as the CLF2.0 templates to be built in the new CMS Interwoven (Team Foundation Server).
- Interwoven (Team Foundation Server) Plans involved the success of converted HTML based on test sections, and a review of the finding to determine success or failure if a failure an evening run of the section would be re-run with adjustments to code. if a success the section would be closed and a new section would be running.
- CLF2 to determine if the new base template is used in CMS on the Appearance, Navigation, Links, layout for 1 column page, contrast, Luminosity, Alt tags, Proper HTML, Heading order, etc.
- Conducted and documented quality assurance of completed sites to form early Publishing Models to meet this version change.
- Created UX/UI-related artifacts such as wireframes, user flows as well as low and high-fidelity prototypes.
- Presented design concepts and functional mockups to senior management which required the designing of low-fidelity and high-fidelity UI prototypes and repeated redesign based on usability and testing feedback.
- Developed/implemented content diagrams illustrating workflow, navigation, and structure of mission sites.
- Supported clients with interactive prototypes to show connections to other parts of their sites and iterations on pages.
- Used W3C Validator tool to validate web pages/content to ensure proper navigation, verification of broken links, proper descriptions and links for images, header, footer, and descriptions on charts and tables.
- PDF conversion from Word Documents using Adobe Acrobat Pro, and Adobe LiveCycle Designer ES.
- Supported the development of new and improved standards and best practices based on conducting and concluding end-user/client interviews (meetings) with DFAIT Staff for website audits and Quality Assurance for WCAG 1.0 and CLF standards.
- Provided advice concerning the ROT process for Identifying and documenting dated redundant web pages and offering suggestions for archiving to internal clients including the use of online and offline archiving. Create Processes for the Archive pages based on Page ID, Date, and Content.
- Technical support and conducting heuristic evaluations with customer liaisons across DFAIT's various missions worldwide.
- Created and converted page transactional, forms-based, with multi-step business processes for Immigration, Security, Sponsoring, Business, etc.
- Image enhancement for web-safe Color for multiple browsers, Image manipulation.
- Supported multimedia design and development incorporating Flash Video FLV, Windows Media Files, Quick Time Movies, and audio Mpegs into DFAIT that was compliant with CLF 2.0 and Best Practice Standards.
- Developed RSS DataStream and metadata for site search optimization Performed User Acceptance testing.
- Assisted Content Management Team with Interwoven (Team Foundation Server) issues and used Interwoven (Team Foundation Server) (Team site) as the content management solution (storage system for web pages) and as a development tool for the mission sites to assist with the creation of their web pages and for editing/creating sites using Interwoven (Team Foundation Server) TinyMCE component.
- Provided creative direction to a team of designers and programmers.
- Performed integration of data sources for Flash using TXT and XML data sources.
- Performed conversion of thousands of both standard and large, complex MS Word and PDF documents to XHTML 1.0 strict, ensuring compliance with WCAG 2.0 standards. The documentation included information regarding international mission sites and classified technical data.
- Converting Word DFAIT Documents to HTML and accessible PDF.
  For the process of mass migrations of thousands of pages.

Environment: WCMS (Team Site) CMS (TinyMCE), Interwoven (Team Foundation Server) Site Publisher, Visual Studio for .net MVC with LINQ Queries portions of the DFAITS sites. Home Site, Dream Weaver CS3, Sound forge, Adobe Acrobat Pro, Adobe LiveCycle Designer ES, Adobe Photoshop CS3, Flash CS3, Adobe Video Complier, CSS, Metadata, HTML 4.0, XHTML, XML, JavaScript, Infobank Various browsers IE and Firefox, CLF2.0, WCAG, W3C Validator, Web trends, and Google analytics viewer assessments.