

Nixon Wu

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EXPERIENCE

June 2019 - Present | Minisis Inc. – Full Stack Developer

Technologies: JavaScript, HTML, CSS, jQuery, React/Bootstrap, C#, Git

- Designed and developed web application for renowned car company Ford that has over 20,000 visitors and 5,000 curated digital media
- Developed on Trusted Digital Repository (TDR), a digital asset management repository that helped generate 50% of the company's revenue
- Worked with universities such as MIT, University of Calgary, and University of Canterbury to create Online Public Access Catalogue (OPAC) to maintain migrate data from the old system and improved keyword search functionality by implementing advanced keyword indexing, resulting in 30% increase in user satisfaction and enhanced information retrieval
- Optimized web site performance by using SEO practices such as implementing image compression and code optimization, resulting in a 30% improvement in loading speed time
- Implemented a Circulation Library System for Norfolk County Public Library that houses over 40,000 patrons and 70,000 catalogues
- Applied Software Development Life Cycle (SDLC) on principles to drive the successful completion of software projects, ensuring efficient project delivery
- Researched and integrated a dynamic tree view feature using jQuery, elevating the user experience, and providing interactive DBMS functionality across multiple websites
- Assumed a dual role as project manager and team lead, effectively coordinating and expediting the execution of concurrent projects, resulting in completed deliverables and enhanced team collaboration

Feb 2021 – Present | Royal Canadian Mounted Police – Applications Developer / Business Analyst

Technologies: C#, HTML, CSS, JavaScript, React, MySQL, Cognos

- Designed new and maintained existing reports using Cognos to generate visualized analytical data reports
- Developed and planned scripts in SQL for accessibility and use of research to further corporate success
- Working with both BI and database developers to prepare and validate data in both sources for quality assurance
- Implemented and maintained application features for easy to use and accessibility for officers to use in detachment

Nov 2018 – June 2019 | Angel Glass Corporation – Software Developer

Technologies: FileMaker, MySQL, Wordpress (PHP), JavaScript, HTML, CSS

- Maintained FileMaker database application and GUI to improve business operation and activity by 20%
- Implemented Google Maps API to provide technicians client site locations for easier usability and reliability
- Managed FileMaker Go cross platform mobile application to help sitetechnicians stay connected with office staff
- Increased performance by optimizing queries to reduce query run time and number of calculations

EDUCATION

2015 – 2018 Computer Systems Technology | Diploma

British Columbia Institute of Technology – Burnaby, BC