

William Orr

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EDUCATION

University of British Columbia

Bachelor of Commerce, Combined Major in Business and Computer Science

Vancouver, BC

Sep. 2020 – May 2024

- **Awards:** Western Canada Quest for Excellence Scholarship
- **Course:** Algorithms and Data Structures, Computer Systems, Software Construction, Applied Machine Learning

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, R, Bash

Tools and Frameworks: Git, React, Node.js, AngularJS, Express.js, MongoDB, Google Firebase

Certifications: CompTIA ITF+, Google IT Support Professional, Fortinet NSE 1, Fortinet NSE 2, Fortinet NSE 3

EXPERIENCE

Security Engineer

Oct. 2021-Aug. 2022

Cyber Unit

Vancouver, BC

- Familiarized myself with various technologies and infrastructure including directory services, firewall management, network and server management, data protection, and endpoint security software
- Conducted various cybersecurity risk assessments and incident responses by leading the initial discovery, threat detection, containment, mitigation, and recovery of lost or stolen data, which saw the company's emergency response speed and efficiency increase significantly
- Revamped the monthly reporting process to maximize accuracy, scalability, and security by leveraging Microsoft's Visual Basic for Applications to automate the collection, compilation, and creation of reports, effectively reducing compilation time by more than half

Web Developer

Sep. 2021-Apr. 2022

Geering Up

Vancouver, BC

- Strategized with the web development team to blueprint long-term website design changes by creating sitemaps, user flow diagrams, and wireframes outlining key pain points and areas of visitor frustration which saw future website changes aligned with the organization's overall goals
- Utilized UBC's native Content Management System to push coordinated weekly website updates, content and formatting changes, navigation updates, and UI improvements to keep Geering Up's website up-to-date and decrease visitor friction
- Worked with upper management to translate high-level UI/UX proposals into realistic working solutions by facilitating bi-weekly meetings, liaising between development teams, and ensuring website integrity was upheld throughout the creative design process

PROJECTS

106 Network

Jun. 2020-Present

- Built and deployed a fully operational website consisting of both front and back-end functionality to showcase my digital posters using tools and languages including Tilda, CSS, Javascript, and React
- Hosted my website using a configured web server and managed DNS re-directions, port forwarding, SEO, and SSL certificates

Bootleg MP3

Feb. 2023-Present

- Built a web-based MP3 player to pulls audio tracks stored as OGG files from a public Google Drive. The DOM is then dynamically rendered to showcase all the different tracks, grouped by their album.
- There is a simple control panel, a and a status bar which displays the current song, and a minimalist yet functional look and feel.