William (Billy) Orr

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EDUCATION

Bachelor of Commerce, *UBC Sauder School of Business,* Vancouver, BC   *Completion: 2024*
- **Specialization:** Dual-Major in Business & Computer Science
- **Awards:** Western Canada Quest for Excellence Scholarship
- **Key Courses:** Intermediate Algorithm Design and Analysis, Computer Systems, Algorithms and Data Structures, Software Construction, Models of Computation

SKILLS

Programming
- **Languages:** Java, C++, C, Visual Basic, HTML, CSS, JavaScript, TypeScript, Bash, Z shell, PowerShell
- **Tools and Frameworks:** Express.js, Node.js, AngularJS, jQuery, MongoDB, Firebase, Linux, Git

Networking
- **Tools:** Metasploit, Aircrack-ng, Burp Suite, Wireshark

WORK EXPERIENCE

IT Security Specialist, *Cyber Unit*, Vancouver, BC   *Oct. 2021-Aug. 2022*
- Familiarized myself with various technologies and infrastructure including directory services, firewall management, network and server management, data protection, and endpoint security software to protect and troubleshoot clientele operations
- Played a major role in 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 procedure costs and time by more than half

Web Developer, *Geering Up*, Vancouver, BC   *Sep. 2021-Apr. 2022*
- 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

EXTRA-CURRICULAR ACTIVITIES

President, *Metro Vancouver Leo Club*, Vancouver, BC   *May 2022-Present*
- Led a not-for-profit organization to host community wide events, online fundraisers, and donation drives to raise awareness for local charities and social initiatives
- Created opportunities for local students to pursue their passion for social cause by developing a campaign to increase outreach and streamline member application which resulted in a 150% increase in volunteer sign-ups

President, *UBC Social Enterprise Club*, Vancouver, BC   *May 2022-Present*
- Organized a team of passionate individuals to run school wide events raising over $13,000 by partnering with local social enterprises, entrepreneurs, and socially conscious businesses
- Spearheaded a special committee to overhaul the club's IT infrastructure including email services, domain administration, website hosting, and online payment processing to streamline day-to-day activities and increase operational security

PROJECTS

106 Network*, Digital art gallery*   *Jun. 2020-Present*
- Built and deployed a fully operational website consisting of both front and back-end functionality to showcase my digital posters using a mixture of tools and programming languages

Bootleg MP3, *Online audio interface*   *Feb. 2022-Present*
- Built a web-based MP3 player to stream audio tracks not normally made available on public streaming platforms by hosting audio files on a database, performing retrievals, and designing a user-friendly interface simulating a traditional audio player