

Skills

Software Development:	React, Python, Java, C, Agile Development, WebGL
Web & Database:	JavaScript, HTML, CSS, UX/UI Design, REST API, PostgreSQL
Systems & Tools:	Figma, Vite, Windows, MS Office, Linux, Git, Adobe Premiere, WordPress

Education

B.Sc. in Computer Science (4th Year) | University of Victoria, BC

September 2020 - Present

Currently available for a four or eight-month co-op.

Technical Projects

Euchre Game | Personal Project | Python, Object-oriented, Game Logic

September 2025 - Present

- Developed a command-line Euchre game in Python that supports full gameplay, including dealing, bidding, trick-taking, and scorekeeping.
- Computer-controlled opponents with decision-making strategies for bidding, discarding, and playing cards.
- Added player interaction, automated tests, and a user-friendly interface to ensure smooth gameplay and reliability

ePortfolio | Personal Project | React, JavaScript, CSS, HTML, Vite, Git, Netlify

January 2025 - Present

- Developed using UX/UI principles to create a clean interface to showcase skills, experience, and projects.
- Used React, JavaScript and CSS to create a platform tailored to visually display competencies.
- Implemented responsive layouts and ensured accessibility across devices with light modes and media features.
- Leveraged Vite's configuration for rapid builds and efficient bundling, hosting the project on Netlify.

Computer Assembling | Personal Project | Hardware, Software

January 2021 - Present

- Build and design computers according to specifications, as commissioned for personal use by friends and family.
- Source components, including CPU, motherboard, memory and videocard, and assemble as a working PC.
- Prepares PC for use by installing Windows 10, Microsoft Office and additional software applications.

Prototyping and UX Testing | SENG 310: Human-Computer Interaction | Figma, UX/UI

January - May 2025

- Created low- and mid-fidelity prototypes applying established UI/UX design principles.
- Developed a fully functional Figma prototype showcasing core app features and interactions.
- Conducted usability testing and delivered prototype demonstrations to gather user feedback.

Database Application | CSC 370: Database Systems | Python, PostgreSQL, Psycopg2

January - May 2024

- Developed a text-based Python application simulating the core operations of a hypothetical company.
- Implemented robust database connectivity using psycopg2, featuring parameterized queries, transaction control, and error handling to ensure reliable and secure data operations.
- Designed an interactive menu system with input validation using regular expressions to facilitate intuitive user interaction for adding and retrieving company-related records.

NHL Stats Web Scraper | Personal Project | Python, Pandas, Jupyter Notebook

February 2024

- Automated the extraction of NHL team statistics using `pandas.read_html()` to parse structured HTML tables.
- Dynamically generated URLs with f-strings and looped through dates to collect daily team performance data.
- Appended results to CSV files, enabling seasonal-level datasets for future analysis or modelling.

- Organized task distribution based on individual strengths and fostered effective communication.
- Developed skills to address cybersecurity, cryptography, web exploitation, and binary analysis problems.
- Expanded my interest in cybersecurity practices.

Other Work Experience

Labourer | City of Richmond | BC

May 2022 - September 2024

- Worked in crews while installing and maintaining road markings, traffic signage, and traffic control planning.
- Facilitated safety talks, enforced adherence to safety protocols, and directed team members.
- Prepared daily reports and timesheets, contributing to project tracking and resource management.
- Demonstrated communication and leadership skills, ability to meet deadlines and deliver high-quality work.

Landscape Service | Self-Employed | Richmond, BC

June 2021 - September 2023

- Independently managed all aspects of the business, from scheduling jobs to handling customer inquiries.
- Delivered exceptional customer service by providing clear communication and exceeding project requirements.
- Developed strong client relationships through reliability, professionalism, and attention to detail.

Landscaper | Wynning Design Landscaping | New Westminster, BC

May 2020 - Sep 2022

- Performed landscape and garden maintenance, site preparation, planting, removals, and hardscaping.
- Demonstrated a strong work ethic and accountability while delivering high-quality and detailed work.
- Showcased reliability by consistently meeting physical demands and weather challenges.

Volunteer Experience

UVic Horticulture Club Executive | Website and Garden Plot Manager

April 2025 - Present

- Hold an executive role in which I design and update the Club's WordPress site and manage the garden plot.

Booth Attendee | City of Richmond Open House

June 2021 - September 2024

- Annually served as a booth attendee, engaging in interactive and educational activities with guests and children.

Interests and Hobbies

Mechanics | Vehicle Photography and Restorations

- Bought, repaired, and resold used cars and trucks, building practical knowledge of mechanical systems.
- Performed maintenance, troubleshooting, and repairs like brakes, suspension, electrical systems, and engine work.

References Available Upon Request