

Skills

Adobe Pr — Algorithms — C — CSS — CAD — Data Structures — Git — Graphics — Hardware — HTML
Java — JavaScript — Linux — MS Office — Object-Oriented Programming — Operating Systems — Python
PostgreSQL — Problem-Solving — React — Scripting — UX/UI Design — VS Code — WebGL — WordPress

Education

I am attending my fourth year at the University of Victoria, studying Computer Science and Psychology.

Personal Projects

Personal Portfolio Website | React, JavaScript, CSS, HTML, Git

- 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.

Database Application | Python, PostgreSQL, Psycpg2

- Developed a text-based Python application simulating the core operations of a hypothetical company.
- Implemented robust database connectivity using psycpg2, 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 | Python, Pandas, Jupyter Notebook

- 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.
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Work Experience

Seasonal Outside Worker | City of Richmond | BC

May 2022 - Sep 2024

- Led crews while installing and maintaining road markings, traffic signage, and traffic control planning.
- Facilitated safety tailgate 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**May 2021 - Sep 2023**

- Provided high-quality landscape services, including regular mowing and trimming, plant installations and transplants, and property cleanups for both residential and commercial clients.
- Managed all aspects of the business, from scheduling jobs to handling customer inquiries and service requests.
- Developed customer service skills 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.

Activities and Interests**VikesCTF Team Challenges | Python, Wireshark, BurpSuite, SQL Injection**

- 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.

BattleSnake 2023 | Python

- Competed individually in a Battlesnake coding competition, designing and developing an autonomous snake.
- Implemented an AI algorithm to enable intelligent decision-making for the snake, focusing on survival strategies, resource optimization, and opponent anticipation.
- Engaged with the Battlesnake community, sharing insights and learning from peers.

UVic Horticulture Club Executive | Website and Garden Plot Manager

- Joined the team in an executive role, where I was selected to begin redesigning the Club's WordPress.
- Responsible for maintaining the Club's garden plot, ensuring plants are watered and the area is groomed.

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