Blake Stewart

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Skills

Adobe Pr — Algorithms — C — CSS — Data Structures — Git — Graphics — HTML
Java — JavaScript — Linux — MATLAB — MS Office 365 — Object-Oriented Programing — Python
Problem Solving — React — RStudio — SQL — UX/UI Design — VS Studio — Wordpress

Education

I am attending my fourth year at the University of Victoria in the Computer Science faculty.

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 practices, resulting in a platform tailored to visually display competencies.
- Implemented responsive layouts, ensured accessibility across devices, with lighting modes and hyperlinks.

Database Appliaction | Python, PostgreSQL, Psycopg2

- Developed a text-based Python application simulating 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 | 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 modeling.

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 cyber security practices.

Mechanics

- 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.
- Expanded my interest in automotive mechanics through hands-on learning, problem-solving, and vehicle restoration projects.

Sports and Cooking

- Avid golfer with a passion for playing and practicing, particularly on well-designed and scenic courses.
- Big fan of hockey and golf. I love to watch games and follow pro tournaments.
- My passion for cooking and trying new recipes, learning techniques deepens my understanding of food cultures.

References Available Upon Request