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EDUCATION

Simon Fraser University

Bachelor of Science in Computing Science

Burnaby, BC

September 2018 – August 2024 (Expected)

PROJECTS

Cypress, a Discord Bot | *JavaScript, NodeJS, Git*

December 2022 – Present

- Developed an interactive Discord Bot to streamline the user experience within a Discord server.
- Simplified bot functionality by organizing bot commands into categories.
- Implemented API integration for Wikipedia, OpenWeatherMap, and MyAnimeList.
- Documented the development process by hosting the project on GitHub.

Monty Mayhem | *Godot, GDScript, Git*

January 2024

- Worked with a team of developers, illustrators and sound designers to develop an RPG point-and-click game for a game jam.
- Coordinated with the project manager to convert their conceptual requirements into game logic.
- Streamlined the development process by creating and maintaining the code and asset repository for the game.

Course Planner | *Java, Spring Boot, Git*

April 2023

- Worked with a partner to develop a web-based application that helps students search for course listings.
- Allowed expandability of course data by adding RESTful API integration to the project.
- Implemented a course watcher using the *observer pattern* to update students on any new openings for a course.

Vehicle Insurance and Registration Database | *mySQL, PHP, CSS, Git*

June 2022 – August 2022

- Established a structure for a database by developing an entity-relationship diagram and schema.
- Developed a database by creating a PHP front-end to interface with the SQL backend.
- Ensured data integrity by resolving any constraint violations.

Human Activity Prediction | *Python, Pandas, NumPy, Git*

November 2021 – December 2021

- Collaborated with a group to predict human movement by analyzing smartphone accelerometer data.
- Analyzed accelerometer data by training machine learning models available in the Pandas library.
- Wrote a report detailing the project's process and the findings.

EXPERIENCE

Operations Coordinator

May 2023 – Present

Convivial Jewelry

Surrey, BC

- Successfully designed and built the company's e-commerce website on Squarespace, enhancing user experience and streamlining day-to-day operations.
- Participated in weekly team meetings to enhance communication and coordination, fostering a collaborative environment that contributed to overall organizational success.
- Initiated the creation of an ambassador program to elevate marketing efforts and increase brand exposure.

Technology Associate

June 2019 – Present

Staples Canada

White Rock, BC

- Contributed to sales targets by leveraging product knowledge and communication skills to drive revenue in the technology department.
- Achieved a high customer satisfaction rate by successfully resolving technical issues for customers, showcasing strong problem-solving abilities.
- Enhanced customer loyalty by facilitating the repair and maintenance of devices, solidifying the store's reputation as a trusted technology support hub.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C, C++, Haskell, SQL (mySQL), PHP, HTML/CSS, R, GDScript

Frameworks: NodeJS

Tools: Git, Visual Studio Code, IntelliJ, Microsoft Office Suite, L^AT_EX, Godot

Libraries: Pandas, NumPy, Matplotlib