Richmond, British Columbia

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Jordan Wauran

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Technical Skills

Front-end development: HTML, CSS, React.js
Back-end development: Node.js, Express
Database Languages: PostgreSQL
Programming Languages: C++, C, Python, Rust

Technical Projects

Plinko Game | Personal Project (Website, GitHub)   **January 2023 – February 2023**
- Designed and developed a web based Plinko game using HTML, CSS, and JavaScript, enhanced with p5.js and Matter.js libraries for interactive physics simulations.
- Designed and customized the game's user interface with HTML and CSS, ensuring a visually appealing and intuitive user experience.
- Utilized p5.js for graphics rendering and animation, to enhance the game's visual appeal and interactivity.
- Simulated the falling motion of the chips and their interaction with the pegs using Matter.js as the physics engine.
- Deployed the game on GitHub Pages
- Utilized: HTML, CSS, JavaScript, p5.js, Matter.js

SFUnited Application | Group Project (GitHub, YouTube)   **June 2022 – August 2022**
- Collaborated on SFUnited, a comprehensive web application integrating MySchedule, Rate My Professor, Google Maps and SFSS Club Finder functionalities into a unified platform for Simon Fraser University students.
- Developed the application using Agile Development methodologies, contributing to both the front-end and back-end development to ensure seamless integration of features.
- Utilized HTML5, CSS and JavaScript for the front-end development to ensure a responsive and user-friendly experience.
- Implemented back-end functionalities using Node.js Express and PostgreSQL, enabling data storage and retrieval for various application features.
- Integrated Google Maps API and SFU Data Hub API to provide mapping and location-based services within the application.
- Utilized Rate My Professor API/web scraper to fetch and display professor ratings and reviews within the application.
- Deployed the application on Heroku.
- Utilized: HTML5 (EJS), CSS, JavaScript, Node.js Express, PostgreSQL, Heroku Cloud

Work Experience

Learning Assistant | Kumon North America, Inc.   **June 2019 – July 2020**
- Provided personalized assistance to elementary and high school students in the subjects of math and reading, with up to 12 students per session.
- Monitored student progress and performance, identifying areas for improvement, and providing personalized feedback to enhance learning outcomes.
- Collaborated with parents to discuss student performance and address concerns.

Education

Bachelor of Applied Sciences | Simon Fraser University   **September 2018 – December 2023**
- Relevant Courses: Introduction to Software Engineering, Data Structures and Programming, Object Oriented Programming, Database Systems, Data Structures and Algorithms, User Interface Design, Introduction to Visual Computing