

Caleb Chiang, Software Developer

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SKILLS

Java

Javascript

Python

HTML/CSS

C

ReactJS

C++

MySQL

PROJECTS

Feb 2023

Global Game Jam 2023

Vancouver

- Collaborated with industry professionals in a high-intensity weekend hackathon to develop a fully-functional game, integrating expert input on graphics and audio to enhance gameplay experience.
- Engaged in rapid ideation and development processes, effectively utilizing team strengths to meet tight deadlines.
- Demonstrated strong project management and communication skills, facilitating seamless integration of diverse inputs from graphic designers and audio technicians.
- Presented the final game to an audience of peers and industry leaders, showcasing not only technical proficiency but also storytelling and user engagement capabilities.

Sep 2023 — Oct 2023

Sentiment Anaylsis Chrome Extension

Vancouver

- Developed a Chrome extension for real-time sentiment analysis of selected text on web pages, utilizing JavaScript and Google Cloud Natural Language API.
- Implemented content scripts in JavaScript to dynamically modify webpage content based on user interactions, highlighting text selections with color-coded feedback representing sentiment scores.
- Integrated Google Cloud Natural Language API to analyze text sentiment, scoring text selections from -1.0 (negative) to 1.0 (positive) and providing immediate feedback to users.
- Utilized asynchronous JavaScript (fetch API) for efficient server communication, handling JSON data to process and display sentiment analysis results.

Jan 2023 — Apr 2023

Side Guide

Burnaby

- Developed a full-stack web application in collaboration with a team for an academic course, designed to improve pedestrian safety by allowing users to report and view sidewalk hazards.
- Focused on user experience (UX) and user interface (UI) design principles to create an intuitive and accessible platform for reporting sidewalk hazards.
- Implemented secure user authentication and integrated Firebase for robust data storage and retrieval, enabling personalized user experiences while ensuring efficient management of hazard reports and maintaining data privacy and security.

EDUCATION

Jun 2020 — Sep 2022

Bachelor of Science (partial), Simon Fraser University

Burnaby

- Calculus I for the Biological Sciences, Introduction to Programming, Physics for the Life Sciences, Introduction to Logic and Reasoning, Introduction to Cognitive Psychology.

Jan 2023

Computer Systems Technology, British Columbia Institute of Technology

Burnaby

- Discrete Mathematics, Object Orientated Programming, Algorithms and Data Structures, Web Development, Computer Architecture, Operating Systems, Business Systems Analysis.

EMPLOYMENT HISTORY

Jun 2022

Lead Ground Service Agent, Strategic Aviation YVR

Vancouver

- Led and supervised a team of 4-5 ramp agents, ensuring efficient and effective under-the-wing services to aircraft in a high-pressure airport environment.
- Coordinated with cross-functional teams to ensure seamless aircraft servicing, demonstrating strong communication and organizational skills.
- Maintained strict adherence to safety regulations and operational guidelines, reducing risks and enhancing team performance during ground operations.
- Implemented process improvements to enhance team collaboration and service quality, contributing to the overall operational excellence at YVR Airport.