Quinnie Cao

Vancouver, BC | (778) 919 8245 | caokhanhquynh57@ gmail.com
https://caokhanhquynh.github.io/web_portfolio/ | https://github.com/caokhanhquynh

TECHNICAL SKILLS

- **Programming Languages:** C++, Python, Java, HTML, CSS, Javascript, C, Rust, Haskell, MATLAB, RISC-V
- **Frameworks:** SpringBoot, React, Flask
- **Supporting tools:** Render, Git, GitHub, Docker, PostgreSQL, Linux, Ubuntu

ACADEMIC PROJECTS

Yelp Database Application **Nov 2025**
Database Systems I - CMPT354, SFU

- Developed a full-stack GUI application using Python's **tkinter** and **pymssql** library to integrate a **Microsoft SQL Server** database for seamless interaction with Yelp-like data, focusing on user management, business reviews, and making friends.

Courses Enrolment Webapp **Jan 2024 - April 2024**
Intro to Software Engineering - CMPT276, SFU

- Collaborated within a team of 5 to develop a web platform by utilizing **HTML, CSS, JavaScript, Render, Docker, Thymeleaf, SpringBoot** to provide a robust and dynamic user experience
- Implemented sign-up/login functionalities for users by integrating secure authentication protocols to enhance user accessibility and account safety
- Designed and integrated the **Google Calendar API** into the web platform by developing admin interfaces to facilitate efficient scheduling
- Developed the admin-side interface by creating tools to empower administrators to add, edit, and delete courses using **PostgreSQL** while maintaining database integrity.
- Implemented automated test cases using **MockMVC** to verify the reliability and functionality of the web application

PERSONAL PROJECTS

Gold Price Prediction **May 2024**

- Developed and deployed machine learning models by utilizing **Scikit-learn** and **Pandas** libraries to implement linear regression and KNN algorithms
- Scraped real-time data from a web source using Python libraries such as **BeautifulSoup** to support data analysis and modelling projects

PERSONAL PROJECTS (CONTINUED)

Disease Prediction Website **June 2024**

- Developed and deployed a disease prediction website using **Flask** and **Scikit-learn**.
- Created a user-friendly interface for symptom input, enabling dynamic disease prediction and results display.

The Jungle Game **Sept 2023**

- Developed The Jungle Game by using **PyGame** to create a two-player strategy board game with interactive graphics and engaging gameplay

HACKATHONS

ChaosTimetable | ChaosHack, SFU **Feb 2024**

- Developed "Chaos Timetable" by using the **SpringBoot** framework to implement a dynamic web application that efficiently manages task scheduling
- Implemented a dynamic web application by creating a web to divide tasks into smaller segments, mix them up, and generate a structured timetable

EXTRACURRICULAR

VVYC | Event Organizer **Nov 2022- Mar 2024**

- Organized annual traditional events by collaborating with a team of 20 to manage props, venues, and finances, ensuring successful and well-coordinated events

NON-TECHNICAL WORK EXPERIENCE

Marble Slab Creamery | Front House Staff **May 2023-Sept 2023**

- Provided exceptional customer service by welcoming guests, taking orders, and ensuring accurate and prompt service to increase customer satisfaction

EDUCATION

Simon Fraser University, Burnaby, BC **Sept 2023-Dec 2026 (Expected)**

- Bachelor of Science in Computing Science