Dat Quach

Qualification Highlights

- **Skills**: Algorithms, Data Structures, Object-Oriented Programming, SQL, React, NextJS, TailwindCSS.
- **Languages**: C++, Python, C#, Java, TypeScript, UML.
- **Technologies**: VS Code, Visual Studio, Eclipse, IntelliJ IDEA, Trello, Git, Windows, WSL, Linux.

Education

FAIRLEIGH DICKINSON UNIVERSITY, VANCOUVER, BC   **SEPTEMBER 2018 - PRESENT**

- **Bachelor of Science in Information Technology.** CGPA: 3.9/4.
- **Coursework**: IT Needs Assessment & Management, Website Design & Management, Discrete Structures, Digital System Design, Database Systems, Data Communications & Computer Networks, Computer Programming, Human Computer Interface, Cybersecurity Foundations.
- **Awards**:
  - Entrance scholarship by academic achievements.
  - Academic award: Maintain a GPA of 3.9/4.

Programming Projects

DISCORD BOT PROJECT – REN

https://github.com/SFUAnime/Ren

Work with a team of 10 people, including 3 head developers on a Python-based Discord interactive bot extensively used in Simon Fraser University's Anime Discord server with over 500 users. Main responsibility includes code reviews and weekly meetings to resolve issues and feature discussion.

WEB DEV PROJECT – FDU CAMPUSHUB

https://fdu-campushub.vercel.app

A project utilizing React, TypeScript, NextJS, TailwindCSS, Heroicons, with continuous deployment to Vercel to redesign the existing front-end of Fairleigh Dickinson University's WebCampus system. Worked as the project lead in a team of 4 during the Human Computer Interface course.

Work Experience

EPIC SEMICONDUCTORS, WEB DEV INTERN   **MAY 2021 – JULY 2021**

- Worked as a developer with a team of 2 to propose a redesign and implement a front-end for the company's existing web site.
- Technologies used include React with NextJS, TailwindCSS, MongoDB and Continuous Integration and Deployment (CI/CD) to Vercel with GitHub Actions.

Leadership and Volunteer Experience

CODE4FUN STAFF MEMBER | FAIRLEIGH DICKINSON UNIVERSITY   **DECEMBER 2018 – PRESENT**

- Coordinate with other staff members to plan for the club's meetups, talks and meetings.
- UBC Local Hack Day 2019 hackathon participation as team FDU Tiamat.