

Dat Quach

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Qualification Highlights

- **Skills:** Algorithms, Data Structures, Object-Oriented Programming, SQL.
- **Languages:** C++, Python, C#, Java, TypeScript, UML.
- **Tools:** Visual Studio Code, Visual Studio, MonoDevelop, IntelliJ IDEA, Trello, Git.
- **Operating Systems:** Windows, 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.
- **Awards:**
 - Entrance scholarship by academic achievements.
 - Academic award: Maintain a GPA of 3.9/4 throughout the Fall 2020 semester.

Programming Projects

OOP PROJECT – CHEST COMMANDS GUI EDITOR

<https://github.com/quachtridat/Chest-Commands-GUI-Editor>

A project utilizing C# Windows Forms and object-oriented programming to build an application which allows users to configure data and generate configuration files for Chest Commands GUI (a Minecraft server plugin) more easily using a graphical user interface, instead of writing in YAML files.

WEB APP PROJECT – SORT-VIZ

<https://github.com/quachtridat/sort-viz>

A project to create a sorting algorithm visualizer using React, TypeScript and Bootstrap. The interface is easy-to-use, with different sorting algorithms available and customizable number of elements.

Work Experience

WINNERS, STORE ASSOCIATE

October 2018 – Present

- Constantly improve self's customer service skills in a fast-paced environment.
- Work with teams to stock and arrange merchandise on the sales floor.

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.