

Dat Quach

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Qualification Highlights

- Skills: Algorithms, Data Structures, Object-Oriented Programming, Competitive Programming.
- Languages: C++, Python, C#, Java, JavaScript, TypeScript, UML.
- Tools: Visual Studio Code, PyCharm, Visual Studio, MonoDevelop, IntelliJ IDEA, draw.io, Trello.
- Methodologies: Agile (with Kanban).
- Participation in a number of online problem-solving competitive programming contests.
- Received 1st-place award from the provincial programming contest in grade 12.

Education

FAIRLEIGH DICKINSON UNIVERSITY, VANCOUVER, BC

September 2018 - Present

- **Bachelor of Science in Information Technology.** CGPA: 3.9/4.
- Coursework: Information Technology Needs Assessment and Management, Website Design and Management, Discrete Structures, Digital System Design.
- **Awards:**
 - Entrance scholarship by academic achievements.
 - Academic award: Maintain a GPA of 4 throughout the Spring 2019 semester.

Programming Projects

OOP PROJECT – CHEST COMMANDS GUI EDITOR

December 2016 – January 2017

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

December 2019 – January 2020

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

BEST BUY, COMPUTING SOLUTIONS ADVISOR

November 2019 – December 2019

- Constantly improve self's customer service skills in a fast-paced environment.
- Provide customers with assistance on computers and related devices according to their needs.
- Work with a team of three associates to stock and arrange merchandise on the sales floor.

WINNERS, STORE ASSOCIATE

October 2018 – November 2019

- Proficient at working with POS systems as a cashier.
- Teamwork in the warehouse to deliver processed merchandise to the sales floor effectively.

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.