
Vincent Wan

(973) 991-7944

v4wan@uwaterloo.ca

[GitHub](#)

[Linkedin](#)

Relevant Skills

- **Languages:** C++, C, Java, HTML, CSS, JavaScript, MySQL, Node.js, Racket, Kotlin, Octave/MATLAB, R
- **Technologies:** Microsoft Azure, Bash, Linux, Excel, Git, XAMPP

Work Experience

Project Team Member, Microsoft - Azure & Artificial Intelligence Fundamentals

Waterloo Experience (WE) Accelerate Program

Waterloo, ON (remote, project-based experience) - May 24 - Aug. 20, 2021

- Lead and fostered an active team of four by being constantly engaged in the project and making sure everyone stays on track, gaining valuable leadership and management skills.
- Completed certifications for Microsoft Azure Fundamentals and Microsoft Azure AI Fundamentals from taking their online learning paths consisting of approximately 100 hours of content and diligent studying, consequently benefitting my project component.
- Created a project addressing a solution for the lack of individualized evaluation resources for assistive devices, by conducting research, brainstorming, and collaborating with my team, thus perfecting my design thinking skills.

Relevant Courses

Foundations of Sequential Programs - Linux and C++ Programming

Jan. 11 - Apr. 26, 2022

- Mastered C++ by learning about vectors, classes, namespaces, and the Standard Library.
- Successfully parsed algorithms using top down parsing and bottom-up parsing, as well as generated parse trees and evaluated them using depth first post-order traversal.

Elementary Algorithm Design and Data Abstraction - C Programming

Jan. 11 - Apr. 26, 2021

- Proven ability of C, ADTs, and data structures like arrays, linked lists, and trees.
- Familiarity with sorting algorithms like binary search, insertion sort, selection sort, merge sort, and quicksort.

Projects

Degree Requirement Checker for UW BCS Co-op

Dec. 20 - Dec. 31, 2021

- Built a web application that gives information about the leftover requirements needed to get a Co-op Bachelor of Computer Science degree at the University of Waterloo, using an unofficial transcript as input.
- Created using HTML, CSS, JavaScript, and Express.js, and deployed using Heroku.

Hack the North Fall 2021: Find-Your-Roots

Sep. 12 - Sep. 19, 2021

- Collaborated with three team members to create a family-tree building website, including an events planner, a shared interests page, a customizable profile picture feature, and a login system.
- Created the login system, by using MySQL, PHP, XAMPP, and HTML to store and manage the usernames and passwords of clients.

Education

University of Waterloo - *Candidate for Bachelor of Computer Science, 2A - Cumulative Average: 93.50%*

Sept. 2020 - Present

Notable Awards

- National AP Scholar: Top 1% of students in the US
- University of Waterloo President's Scholarship: 90% admission average or higher