

Qualifications

- **Languages and Frameworks:** C++, Python, SQL, HTML, CSS, JavaScript, React.js, Node.js
- **Software:** GitHub, Excel, MS Office, AutoCAD, SolidWorks, Jira, Confluence, Slack

Projects

Weather App (React.js, CSS, API)

Oct 2022 - Nov 2022

- Designed and coded a weather app in **React.js** to provide the weather for over **500** cities in real time.
- Implemented **2 RESTful APIs** to fetch data for city names and the weather of the cities.
- Used an API to create an **autofill search bar**, providing suggestions for cities with a population size over 1million that match the user input.
- The app was designed as an easy way to retrieve and display the weather of large cities.

Personal Portfolio Website (HTML, CSS, JavaScript)

Oct 2022

- Designed a personal portfolio website using **HTML, CSS, and JavaScript**.
- Implemented **mobile responsiveness** to gain experience with HTML and to improve user experience using **2** sets of font sizes and picture resolutions scaling with window size.
- Gained experience with **diagnosing** and **troubleshooting** code in **VSCode** and using **GitHub**.
- Made to display my portfolio in a convenient, and attractive that can be deployed at any time.

Tic-Tac-Toe Robot (C++)

Dec 2021

- **Designed** a robot that can play tic-tac-toe using **4** different sensors and taking user inputs from **2** players.
- Worked as a team of 4 to build the robot as well as prepare a presentation to demo the robot in front of a TA.
- Worked independently to **test** and **debug code** to ensure robot was fully functional and intuitive to use.

Work Experience

Computer Support Assistant - University of Waterloo

May 2022 – Aug 2022

- Assisted in the **development** and **installation** of the deployment software for the computers used in the ECE department which includes installing operating systems.
- Received, delivered, and installed various technologies purchased by professors and graduate students.
- **Programmed** and **implemented batch files** on Windows to **troubleshoot** and solve various issues and errors encountered during deployment.
- Frequently used **multitasking skills** to work on up to **8** computers at once to maximize efficiency.
- Proficiently used power tools to install or remove any computer related hardware or electronics.

Personal Tutor - Teenage Tutors

Nov 2019 – Sept 2020

- Tutored and developed connections with 4 children in a year period to help strengthen their understanding of Math and French.
- Taught one-on-one sessions 2 to 4 times per week in-person and online which allowed me to strengthen my ability to communicate and share my knowledge verbally and through video conferencing software.

Education

University of Waterloo, ON, CA, Pursuing BAsC in Mechatronics Engineering

- University of Waterloo President's Scholarship (above 90% gr12 average)
- Earned Highschool Core French Bilingual Certificate

Interests

- My interests include playing volleyball and basketball, working out at the gym, and cooking.