

Education

University of Waterloo and Wilfrid Laurier University

Waterloo, Ontario

CANDIDATE FOR HONOURS COMPUTER SCIENCE AND BUSINESS ADMINISTRATION (DOUBLE DEGREE)

Sep. 2021 - Aug. 2026

• GPA: 3.98 (95.6%)

Skills____

Languages Python, JavaScript, C, Java, HTML, CSS, Racket

Technologies Node.js, React.js, Express.js, Bootstrap

Misc Microsoft Office Suite, **ET**_FX

Experience

The First Prototype

Windsor, Ontario

JUNIOR SOFTWARE DEVELOPER

July 2021 - Sept. 2021

Developed and contributed to 2 open source websites by managing layout to ensure mobile responsiveness using Bootstrap.

 Coded API endpoints in JavaScript via Google Apps Scripts to access and maintain spreadsheet information dynamically, resulting in more efficient, automated spreadsheet manipulation.

Vincent Massey Science Olympiad

Windsor, Ontario

CLUB LEADER

Sept. 2019 - June 2021

- · Conceptualized, implemented, and directed weekly science experiments and educational games for 45+ members, teaching students the fundamentals of various STEM fields.
- Initiated transition of Science Olympiad to virtual environment by collaborating with school administration and on-boarding co-executives, resulting in a 30% increase in membership.
- · Mentored winning teams of University of Guelph Science Olympics competition, as well as winning mathematics challenge against 35 teams.

Self-Employed Windsor Ontario

MATH TUTOR Oct. 2018 - June 2021

- Increased grades of students by an average of 25% by delivering personalized math lessons and academic mentoring sessions.
- · Enriched students' understanding of Ontario high school math curriculum and increased students' confidence in writing CEMC math contests.

Projects

QuaranTravel MassevHacks VII

PYTHON, PYGAME

Developed an interactive GUI using Python that displays real-time pandemic and travel related information based on country.

Updated information upon user request using various API and web scraping libraries.

Financial Calculator Prototype

Waterloo, Ontario

REACT.JS, EXPRESS.JS, MYSQL, HTML, CSS

Dec. 2021

May 2021

- · Completed front-end development of a website using React.js to manage personal budgets and give financial advice.
- Used Express.js to create API endpoints that accessed financial data from SQL databases, increasing accuracy of financial calculations.

Dropcase: Broadening Horizons (WINNER)

TheGoldenHack 3.0

PYTHON, FIGMA, PANDAS, HTML, CSS

Oct. 2021

- Developed a financial solution for a case study on **Dropbase**, involving a token system based on a financial prediction made using **Pandas**
- Presented a graphic model made using Figma that would yield an average profit margin of 50%

Space Dungeons Windsor, Ontario

JAVA. SWING

• Created a video game using **Java Swing** for the GUI, practicing object oriented programming techniques to reduce code size.

Honors & Awards

President's Scholarship of Distinction (\$2,000), Entrance scholarship awarded for > 95% average 2021

Waterloo, Ontario Windsor, Ontario

2020

S.W. Ontario Gr.12 Silver Award, Awarded for excellence on Canadian Open Mathematics Challenge