



## EDUCATION



## RELATED SKILLS

### McMaster University

Sep 2020 - Apr 2025

B.Eng, Computer Engineering  
(Co-op)

Cumulative GPA: 3.6 / 4.0

### Tools and Technologies

Azure, Arduino, Bash, Express, Flask, Flutter, GCP, Git, GraphQL, Keras, Linux, MongoDB, Node.js, OOP, PostgreSQL, PyTorch, React, Selenium, Unity

### Languages

Python, Javascript, HTML, CSS, Java, C#, C++



## EXPERIENCE

### Software Engineer Intern

at CheaprEats

Aug 2020 - May 2021

- Designed, optimized Node.js server architecture and GraphQL API for a Receipt Builder app **targeting 20+ food vendors**
- Wrote and optimized seeder scripts to generate mock testing data for a MongoDB database
- Demonstrated consistent usage of agile methodologies through active communication with a small team

### Backend Developer Intern

at Tech Under Twenty

Aug 2019 - Sep 2020

- Wrote, debugged, documented, and tested C# modules in the ASP.NET framework for TU20 Passport, an upcoming web app that connects 800+ community members to local opportunities
- Implemented user authentication with a PostgreSQL database
- Created a "developer mode" to simplify the testing process for others

### Chess Club President

at White Oaks Secondary School

May 2019 - Jun 2020

- Organized fundraisers, marketing initiatives, tournaments with other clubs
- Wrote spreadsheet software that keeps track of player statistics, games, and ratings
- Pursued passion for chess through club leadership



## PROJECTS

### Resumatch



1st Place - Tech Takes on Unemployment Hackathon

Connected the Adzuna API to a Flask/React web app that finds tailored jobs by using natural language processing AI on your resume's text. Simply upload your resume, and Resumatch will search Adzuna for jobs that suit your resume and qualifications.

<https://devpost.com/software/resumatch-co6bua>

### CogniTalk



2nd Place - MasseyHacks VI

Developed a Flask backend for a Svelte.js web app and implemented the Parselmouth library. CogniTalk asks randomly selected interview questions and records your voice to analyze your pronunciation, articulation rate, and speech duration in order to make suggestions for improving your communication skills.

<https://devpost.com/software/masseyhacks-2020>

### Greenhat



3rd Place - 2020 Tech Under Twenty Cup

Developed a Flutter app where users scan the barcode of a store item for info on its environmental impact. Researched, planned, prototyped and pitched the long-term project to industry professionals.