BORNA SADEGHI

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EDUCATION

McMaster University
Sep 2020 - Apr 2024

B. Eng, Computer Engineering (Co-op)
Cumulative GPA: 3.6 / 4.0

RELATED SKILLS

Tools/Technologies
Azure, Arduino, Bash, Bootstrap, Express, Flask, Flutter, GCP, Git, GraphQL, Keras, Linux, MongoDB, Node.js, PostgreSQL, React, Unity

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

ACHIEVEMENTS

Greenhat
🏆 **3rd Place - TU20 Cup 2020**
- 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

Medrics
🏆 **3rd Place - 2020 Mac Eng Competition**
- Developed a Javascript web app that calculates metrics on the COVID-19 pandemic with a world map interface, all **in an 8-hour period**

CCC 2019
🏆 **Honour Roll (Top 17%)**
- Applied knowledge of algorithms to efficiently solve computing problems

EXPERIENCE

Backend Developer Intern
Aug 2020 - May 2021
at CheaprEats
- Designed and 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
Aug 2019 - Sep 2020
at Tech Under Twenty
- 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
May 2019 - Jun 2020
at White Oaks Secondary School
- 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 pronounciation, articulation rate, and speech duration in order to make suggestions for improving your communication skills.
- *https://devpost.com/software/masseyhacks-2020*