BORNA SADEGHI

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EDUCATION

McMaster University
Sep 2020 - Apr 2024

B.Eng, Software Engineering

RELATED SKILLS

Tools/Technologies
Git, Flask, Node.js, Express.js, React, Flutter, Keras, ASP.NET, PostgreSQL, MongoDB, Arduino

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

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

EXPERIENCE

Backend Developer Intern
Aug 2020 - Present

CheaprEats
- Designed a Node.js backend architecture and GraphQL API for a Receipt Builder web app
- 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

Tech Under Twenty
- Wrote, debugged, documented, and tested C# modules in the ASP.NET framework for TU20 Passport, an upcoming web app that connects the community of ~500 members to local opportunities
- Handled user authentication, PostgreSQL databases
- Created a "developer mode" to simplify the testing process for others

Chapter Executive
Jun 2019 - Jun 2020

Tech Under Twenty
- Developed workshops and opportunities on industry skills (e.g. machine learning, resume building)
- Organized and marketed weekly meetings for a group of ~15 talented and inspired students

PROJECTS

Resumatch
🏆 **1st Place - Tech Takes on Unemployment Hackathon**
- A Flask/React.js web app that leverages the Adzuna API to find tailored jobs using NLP on your resume's text.

CogniTalk
🏆 **2nd Place - MasseyHacks VI**
- A Flask/Svelte.js web app that uses the Parselmouth library to analyze and give feedback on speaking skills.

Wavelength
- A hardware attachment for light switches that makes regular light switches hands-free to reduce surface transmission of illnesses.

Chess Club President

May 2019 - Jun 2020

White Oaks Secondary School

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