





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, React, Flutter, Keras, ASP.NET, PostgreSQL, MongoDB, Arduino, Unity

Language Proficiency

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

ACHIEVEMENTS

TU20 Cup 2020

 3rd Place Overall

- Researched and developed an idea for an eco-friendly product
- Planned, prototyped and pitched the long-term project to judges

CCC 2019

 Honour Roll (Top 17%)

- Solved multiple computing problems in a 3-hour time frame
- Applied knowledge of algorithms to optimize solutions

EXPERIENCE

Backend Web Developer

Aug 2019 - Present

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 Leader

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

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

PROJECTS

CogniTalk

 2nd Place Overall - MasseyHacks VI

- A Flask/Svelte.js web app that uses the Parselmouth library to analyze and give feedback on communication skills.

Resumatch

 Best use of MongoDB, Best COVID-19 Hack - hths.hacks() 2020

- A Flask/React.js web app that leverages the Adzuna API to find tailored jobs using NLP on your resume's text.

Makespeare

A Python program that utilizes a Keras RNN to generate Shakespearean-style text at the click of a button.