MATTHEW CURTIS

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EDUCATION

McMaster University - Hamiton, ON   Sept. 2018 - Apr. 2024
Software Engineering and Management (B.Eng.Mgt)
CGPA: 10.7/12.0 (3.90/4.00)

SKILLS

LANGUAGES: Python, C#, Java, JavaScript, HTML, CSS, C, MATLAB, SQL
TECHNOLOGIES: Node.js, Git, React, Bootstrap, Bash, GitHub, Selenium, SSH, Express.js, Linux, db2, Flask, .NET 4.5, Keras

EXPERIENCE

Old Republic Insurance Company of Canada, Software Engineering Intern   May 2021 - Aug. 2022
• Through utilizing data parsing of csv files, collected data and developed an automated testing system for **integration** and **regression testing** that saves **100+ hours** of manual labour per year using **C#**
• Engineered a **Selenium** based testing system with a high ease of use for **integration** testing using **C#** and **NUnit** to be used before every deploy
• Took part in sprints completing tickets in an agile scrum

Conservation Halton, Camp Counsellor   July 2016 - Aug. 2020
• Demonstrated excellent **problem solving** and **creativity** to ensure that all campers had an engaging active experience
• Exhibited **strong verbal communication skills** by preventing poor camper behaviour and **managing conflicts** and concerns raised by parents in an ethical and professional manner

PERSONAL PROJECTS

SpotiStat (Spotify API)
• Created a web-based app that allows user's to view statistics about their listening history of songs and artists
• Created a responsive and interactive application interface using **React** paired with **JavaScript** and **Node.js** hosted through **Vercel.**
• Utilized **Spotify Web API** to fetch user and song data including top played artists, currently playing song, top played songs etc
• Implemented Spotify account login and credential verification using **Node.js** with **Express.js** while using **OAuth2** authorization

Instagram Web Automation Bot
• Created a console application that **scrapes data** from the instagram website using **Python** and **Selenium**
• Analyzed the users data to discover who on their following list is not following back
• Scraped and engaged with posts that contain a certain tag and follows the user. This information is then written to a csv file

Musical Artist Template Website
• Designed a website template for artists to showcase their music in **HTML** and **CSS** while utilizing **Bootstrap.**
• Website features a navigation bar that allows users to select which page they wish to visit.

ACTIVITIES

University Intramural Football, *Quarterback*
Played intramural soccer at McMaster.

Highschool Football, *Quarterback and Captain*