Abdullah Abdullah

Phone: (647)-745-8350
LinkedIn: /in/abdula39

Email: abdula39@mcmaster.ca
GitHub: /abdullahoff

Education

McMaster University   09/2018 - 05/2023

- Year 2 – Bachelor of Software Engineering (Co-op)
- Relevant courses: Data structures and Algorithms, functional programming

Technical Skills

Languages: Java, Python, C++, JavaScript, C#, SQL, HTML, CSS, Assembly, TypeScript, Verilog, MATLAB

Frameworks: Nodejs, React, Django, Matplotlib, Selenium, Material-UI, .NET, Angular, Bootstrap

Programs: Git, Firebase, Linux/Unix, Bash, Unity, Quartus Prime, Autodesk Inventor, Intel FPGA

Projects

Employee Tracking Application (full stack)

- Created a database using SQL to store employee and department data in an efficient manner
- Developed a RESTAPI using ASP .NET and tested it using postman to manage data within the application
- Implemented the MVC design pattern to reduce code duplication and to ensure modification of front end does not affect the model
- Efficiently developed highly engaging front end for the application using Angular along with Bootstrap
- GitHub: /abdullahoff/Employee-Management-app

Automated Supreme Purchasing Bot

- Automated the purchasing of Supreme products from their website using python, Selenium and Beautiful Soup
- Launched Bot on drop day to obtain high values items at below market value leading to **1000$+** of profit
- GitHub: /abdullahoff/Supreme-bot

Covid-19 Tracker application

- Developed an Interactive Covid-19 tracking application calling the Disease.sh API which displays data in map, line graph and numerical format using Node.js, React and CSS
- Incorporated Material-UI components to create a well-balanced and modern user interface to increase user retention
- GitHub: /abdullahoff/covid19-app

Palindrome Array

- Developed a program in Assembly that computes the palindrome array of an input array and outputs it as an array and a as bar graph
- GitHub: /abdullahoff/Palindrome-array

Relevant Work experience

Engineering Intern, Diversability Development Organization, Brampton   05/2019-08/2019

- Created models, animations and engineering drawings for wheelchairs which were utilized to create highly readable instruction manuals to construct and utilize the wheelchair to its full capacity
- Employed the use of Adobe premiere and Autodesk inventor to create animated assembly videos for construction of the wheelchair
- Utilized Engineering design principles to construct and test wheelchair components to ensure quality control and user satisfaction