

TALHA ATIF

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EDUCATION

Software Engineering

McMaster University - 3.9 GPA

Hamilton, ON

Sept. 2023 – Present

EXPERIENCE

Software Developer

McMaster Battery Workforce

April 2024 – August 2024

Hamilton, ON

- Aided in building and testing software to be put into Stellantis electric vehicle
- Conducted Simulink simulations to optimize performance and efficiency of battery control systems
- Utilized programming and modeling tools for real-time testing and validation of battery systems, ensuring reliability and effectiveness

Technology Sales Specialist

Staples Canada

June 2022 – Present

Oakville, ON

- Advised customers with purchasing laptops, tablets or accessories
- Helped customers solve various computers issues such as fixing software or setting up new devices
- Achieved a Protection plan attachment rate of over 35%

Lead Generation Specialist

Phaners

June 2021 – October 2021

Toronto, ON

- Communicated with Real Estate agents within North America using CRM software to conduct market research and bring in over 500 potential clients and over \$100,000 in sales
- Participated in weekly meetings and exceeded company targets, ranking top of the leaderboard for 4 consecutive weeks

PROJECTS

Robot Arm Control | VMware, Quanser, Python

March 2024

- Used virtual machines and simulation softwares to write programs that control a robotic arm
- Used a combination of sensors and motors to make robot move containers into autoclave systems
- Tested arm with potentiometers to connect for manual control using voltage changes

Stud.AI | JavaScript, CSS, HTML, React, Tailwind, Node.js

January 2024

- Worked in a team using a GitHub repository to develop an AI-powered studying application
- Implemented Cohere API to allow a user to input course notes and generate practice tests
- Used Google Cloud Servers to store a MongoDB database

Smart Battle Robot | Java

May 2023

- Used JFrame and custom library in Java to create graphics
- Used various classes to test virtual robot against other versions of itself
- Stored information in external files to remember movement of opponents and adapt

Spotify Playlist Generator | Fetch API, Python, Spotify

October 2022

- First place winner of RoboHacks 2 hackathon
- Used Spotify API in a Python program to create playlists on user's account
- Adds new songs to a playlist in real-time based on users listening

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, HTML/CSS

Frameworks: React, Node.js, Pygame

Developer Tools: Git, Linux, Google Cloud, Visual Studio Code, PyCharm, Eclipse, IntelliJ