Mohammed Mawi

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Education

Computer Science - BA Honours   Toronto, ON
York University   *Expected 2025/2026*

Technical Skills

Languages: Python, COBOL, Java,C/C++, SQL (PostgreSQL, MySQL), JavaScript, HTML/CSS, Cypher Query Frameworks: React, Node.js, Flask, JUnit, Material-UI, Astro
Developer Tools: Git, Docker, Google Cloud Platform, Google App Script, Visual Studio Code, PyCharm, IntelliJ, Eclipse, Scale
Libraries: Pandas, NumPy, Matplotlib, Nixtla, Prophet, Slack Block Kit, Bolt for Python, Neo4j

Projects

MetHacks Hackathon 2023: Live Flower | *Arduino Uno, C++, Custom Arduino Interface*

- A collaborative effort to create an interactive Arduino project that seamlessly combines technology and nature, featuring a sunflower-inspired design
- Integrated Arduino Uno with various components including Servo Motor, Neopixel Lights, Photosensor, Motion Sensor, and a Homemade Capacitive Touch Sensor
- Designed the project to emulate the behavior of a sunflower, transitioning between distinct states: "sleep" and "awake" based on ambient light levels sensed by the Photosensor

Dont-Touch-The-Spikes | *Java, Processing Graphical Library*

- Successfully remade the popular mobile game "Don't Touch The Spikes" by Ketchapp using Java and Processing graphical library
- Implemented the game mechanics, including player controls, spike generation, and scoring, to closely emulate the original gameplay experience
- Applied problem-solving skills to overcome challenges related to game logic, user interaction, and graphical rendering

Discord-Bot | *Python, Node.js, Discord.js*

- Developed a custom Discord bot designed to be interactive and responsive to user commands
- Incorporated a dynamic system for handling messages with specific words, such as "hello," "howdy," and "hi" or "sad," "depressed," and "unhappy" which trigger messages from a predefined list
- Empowers users to contribute their own encouraging messages to the bot, enhancing personalization and engagement

Experience

Sales Associate (Part Time)   June 2022 – August 2023
Stars Men's Shops - Dixie Mall   *Mississauga, ON*

- Contributed as a sales associate in a men's formal wear store, specializing in high-quality clothing.
- Excelled in promoting and selling formal attire to customers, utilizing effective communication and customer service skills.
- Sold around **$1000** worth of items per day