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📍 Mississauga, Ontario

in Abdelrahman Moustafa

🔄 AbdelrahmanW08

Abdelrahman Moustafa

Computer Science Student | Toronto Metropolitan University

EDUCATION

HBSc Computer Science

Sep '23 - Apr '27

Toronto Metropolitan University

Toronto, Ontario

- **Relative Courses:** Computer Science I, Computer Organization I, Discrete Mathematics
- **Scholarships:** Toronto Metropolitan University Entrance Scholarship - \$6,000

Certifications

Tensorflow Developer Certificate

Jan '24 - Jan '27

Google

Mississauga, Ontario

Demonstrated expertise in using TensorFlow to design, build, and train deep learning models.

PCAP - Certified Associate in Python Programming

Jul '23 - Present

OpenEDG Python Institute

Mississauga, Ontario

Demonstrated proficiency in writing, debugging, and maintaining Python code for various applications.

VOLUNTEER EXPERIENCES

Event Coordinator

Sep '19 - Apr '20

ISNA Canada

Mississauga, Ontario

- Demonstrated expertise in planning and coordinating events, from the organization of dining halls to the preparation and distribution of food crates to community members which resulted in 200+ attendees for each event
- Collaborated with fellow team members to ensure timely fulfillment of all orders within a fast-paced work environment which resulted in high satisfaction among event participants
- Proactively engaged with 100+ customers, delivering outstanding service during a charity event dedicated to raising money to fight poverty in GTA

Project Assistant

Mar '22 - May '22

Masjid Al-Farooq

Mississauga, Ontario

- Provided support at the mosque during Ramadan, assisting in organizing events, facilitating prayer services and coordinating charitable initiatives
- Assisted in maintaining a clean and welcoming environment by actively participating in cleaning and arrangement tasks
- Directed individuals to their intended destinations, providing concise instructions with a helpful demeanour
- Led a team of 10+ volunteers for fundraising efforts to collect donations for mosque construction projects which resulted in collecting \$500

PROJECTS

- **TensorFlow Projects:** https://github.com/AbdelrahmanW08/tensorflow_projects
 - Created a sentence classification model using **LSTMs** and **transfer learning** for medical abstracts which resulted in 84% accuracy.
 - Designed an image classification model to classify 101 different food categories using **CNNs** and **transfer learning**.
 - Utilized the **Numpy**, **Pandas**, **Matplotlib** and **Scikit-Learn** libraries to process, visualize, and manipulate data.
- **Othello game:** https://github.com/AbdelrahmanW08/othello_game_java
 - Implemented the backend and the front end of an Othello game using **Java** and **Swing** to build the **GUI**.
 - Implemented an **algorithm** to calculate the best move for the bot, as well as restricting illegal moves for the player.
 - The app **saves and loads** a leaderboard with all players and their scores.
- **Hackville 2024 - Sheridan College:** <https://github.com/AbdelrahmanW08/termhint/>
 - Collaborated with a team to build an application that uses **machine learning** to help newcomers find synonyms.
 - Developed back-end which **imports**, **preprocesses** and **analyzes datasets** using Python, Pandas and TensorFlow.

TECHNICAL SKILLS

Languages: Python, Java, HTML/CSS, JavaScript

ML Libraries: Tensorflow, Keras, Scikit-Learn, Numpy, Pandas, Matplotlib

Technologies: Git, Jupyter, PyCharm, IntelliJ, Linux, Windows, MacOS, VSCode, Anaconda

Skills: Object Oriented Programming, Data Structures & Algorithms, Software Design, ML Design