Abdelrahman Moustafa

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EDUCATION

Toronto Metropolitan University   Mississauga, ON
Bachelor of Science in Computer Science w/Hons   *September 2023 – Apr 2027*
- 90%+ Entrance Scholarship, Faculty of Science Dean's List
- Relevant Courses: Data Structures, Algorithms, Linear Algebra

CERTIFICATIONS

Tensorflow Developer Certificate   January 2024 – January 2027
Google
- Demonstrated expertise in using TensorFlow to design, build, and train deep learning models.

PCAP - Certified Associate in Python Programming   July 2023 – Present
OpenEDG Python Institute
- Demonstrated proficiency in writing, debugging, and maintaining Python code for various applications.

WORKPLACE EXPERIENCE

Event Coordinator   September 2019 – April 2020
ISNA Canada   *Mississauga, ON*
- Organized events and managed food distribution, attracting 200+ attendees per event.
- Worked with team members to fulfill orders promptly in a fast-paced setting, ensuring participant satisfaction.
- Engaged with 100+ customers, providing excellent service at a charity event to raise funds against poverty in GTA.

Project Assistant   March 2022 – May 2022
Masjid Al-Farooq   *Mississauga, ON*
- Assisted in event organization, prayer services, and charitable initiatives during Ramadan.
- Contributed to maintaining a clean, welcoming environment through active participation in cleaning tasks.
- Directed visitors with clear instructions and a friendly attitude.
- Led a team of 10+ volunteers in fundraising, raising $500 for mosque construction projects.

PROJECTS

Permalist | *HTML, CSS, JavaScript, PostgreSQL, RESTfulAPI*   Summer 2024
- Developed a **full-stack** to-do list web application with persistent data storage, ensuring tasks are saved even after closing the browser.
- Implemented a **RESTfulAPI** to manage **CRUD** operations, enhancing the app's scalability and flexibility.
- Leveraged **PostgreSQL** for data management, providing a seamless user experience across sessions.

TensorFlow Projects | *Python, TensorFlow*   June 2023 – January 2024
- 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**.
- Utilized the **Numpy**, **Pandas**, **Matplotlib** and **Scikit-Learn** to process, visualize, and manipulate data.

Othello | *Java, Swing*   December 2023 – January 2024
- Implemented the backend and the front end of an Othello game using **Java** and **Swing** to build the UI.
- Implemented an **algorithm** to calculate the best move for the bot and restrict illegal moves for the player.
- The app **saves and loads** a leaderboard with all players and their scores.

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: React, Node.js, JQuery
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Jupyter, Linux, Anaconda
Libraries: Tensorflow, Keras, Scikit-Learn, NumPy, pandas, Matplotlib, Swing