

Ahmed Magdy Morad

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PROFILE

I am a Computer Science graduate from the Faculty of Computers and Information, with a strong passion for Artificial Intelligence and Data Science. Specialized in Machine Learning, I have practical experience in building predictive models, data analysis, and optimizing algorithms. My goal is to develop AI-powered solutions for big data analytics and predictive insights.

EDUCATION

Bachelor's in Computer Science

Misr Higher Institute For Commerce & Computers

10/2021 – 06/2025

Mansoura, Dakahlia

PROFESSIONAL SKILLS

Programming Language:

Python (Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib)
C#, C, HTML, CSS, JavaScript

Data Analysis:

Data preprocessing, cleaning, and feature extraction

Machine Learning:

Statistical models, neural networks, deep learning

Artificial Intelligence:

Natural Language Processing (NLP), Computer Vision, LLMs

Databases:

SQL, MongoDB

Cloud Computing:

Google Colab

Version Control:

Git/GitHub

Software Development:

OOP
Data Structure

PROFESSIONAL EXPERIENCE

AI & Machine Learning

Deloitte

Mentorship

10/2025 – 12/2025

Remote

Machine Learning

Saiket Systems

internship

08/2025 – 09/2025

Remote

Artificial Intelligence (AI)

National Telecommunication Institute: NTI

internship

07/2025 – 08/2025

Port Said, Egypt

PROJECTS

AI-Powered Diabetes Prediction and Guidance System (Graduation Project)

- Designed and developed a machine learning model to predict diabetes risk from patient medical data with high accuracy.
- Integrated a Large Language Model (LLM) (Mistral 7B via OpenRouter) to generate dynamic, patient-specific questions and provide real-time personalized medical advice in the areas of nutrition, physical activity, and healthy habits.
- Built a medical chatbot to assist patients with queries, acting as a virtual healthcare assistant.
- Architected a backend system using Flask API to orchestrate interactions between ML models, LLM, and the user interface.
- Delivered a seamless and interactive frontend experience using Streamlit.
- Tools & Technologies: Python, Scikit-learn, Flask, Streamlit, Mistral 7B, OpenRouter, MySQL.

Diabetes Prediction Model

- Developed a machine learning model to predict diabetes risk based on medical data.
- Utilized techniques such as Random Forest and Neural Networks to enhance accuracy.

- Tools: Python, Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib

Traffic Prediction Model

- Developed a machine learning model to predict traffic conditions based on historical and real-time data.
- Utilized techniques such as Time Series Forecasting, LSTM Networks, and Random Forest to improve prediction accuracy.
- Tools: Python, Scikit-learn, TensorFlow, Keras, Pandas, Matplotlib.

CERTIFICATES

"Python Programming Basics"

Mahara-Tech

"GIT, GitLab, GitHub Fundamentals for Software Developers"

Udemy

"The Complete Python Bootcamp from Zero to Expert"

Udemy

"Introduction to Data Science"

Simplilearn

"Data Analysis with Python"

freeCodeCamp

"Data Science & Machine Learning"

Edraak ادراك

"Data Science Mastery: Complete Data Science Bootcamp 2025"

Udemy

"Machine Learning with Python"

freeCodeCamp

"Artificial Intelligence (AI)"

NTI/Huawei ETA

"HCIA-AI V4.0 Course"

Huawei ICT Academy

SKILLS

Critical Thinking & Problem-Solving

Continuous Learning

Teamwork & Collaboration

Time Management & Organization

Creativity & Innovation