

Mennatullah Tarek *AI/ML Engineer*

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📍 Mansoura, Dakahlia (easy reallocate)

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Profile

AI/ML Engineer with a strong academic foundation and a love for building impactful AI solutions. Through hands-on projects during ITI's 9-month diploma, I explored the depths of machine learning, NLP, and deep learning, fueling my enthusiasm for LLMs, generative AI, and transformer architectures. Skilled in Python, TensorFlow, and end-to-end ML development, I am excited to contribute to innovative teams where technology meets creativity.

Education

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|-------------------|--|
| 10/2024 – 06/2025 | 9-Month Diploma (ITI) Information Technology Institute ,(MCIT) Ministry Of Communications and Information Technology, Artificial intelligence and machine learning, Mansoura Branch |
| 2020 – 2024 | B.Sc. in Computer Science – Faculty of Computer and Information Sciences, Mansoura University, Excellent with Honor degree. |

Internships

- | | |
|-------------------|---|
| 08/2024 – 10/2024 | Data Analyst Intern _ Neutrinitox |
| 07/2023 – 09/2023 | Summer internship in Computer Vision (ITI) Information Technology Institute , (MCIT) Ministry of communications and Information Technology |

Skills

AI/ML Development:

Python, TensorFlow, scikit-learn, Keras, PyTorch (Basic), Hugging Face (Exploring)

Computer Vision & NLP:

OpenCV, Image Processing, Object Detection, Text Processing

Data Science & Analysis:

Data Wrangling, Feature Engineering, EDA, Pandas, NumPy, Matplotlib, Seaborn

Software Tools & Platforms:

Git, GitHub, Jupyter Notebook, Visual Studio Code, Power BI, Streamlit, SQL, MongoDB, Tableau, Excel

Automation & Web Scraping:

BeautifulSoup, Selenium

Programming Fundamentals:

C++, Object-Oriented Programming (OOP)

Projects

Multiclass Prediction of Obesity Risk ☑

- Built and deployed a full ML pipeline including preprocessing, modeling, and evaluation.

Twitter Hate Speech Detection ☑

- Applied NLP techniques and machine learning to detect hate speech in tweets.

Document Clustering ☑

- Used vectorization and clustering to analyze and group text documents.

Deep Learning Projects ☑

- Developed models using CNNs, RNNs, and LSTMs for sequence data.

Machine Learning Projects

- Built ML models classification, regression, and clustering with full pipelines, evaluation, and deployment

Web Scraping for Data Analysis

Automated data extraction using Selenium and BeautifulSoup.

Sales and Trends Analysis

- Analyzed sales data trends using Power BI, Excel, and Python.

Extracurricular Activities

04/2023 – 05/2024	Data science Member <i>IEEE, Mansoura Branch</i>
10/2022 – 09/2023	Head of Public Relations <i>CIS, Mansoura University</i>
07/2022 – 08/2023	Team Leader <i>Alam</i>
09/2021 – 09/2022	Core Team Members <i>GDSC, Mansoura University</i>

Awards

05/2024	Graduation Projects, First Place <i>Ebtikar competition, Mansoura University</i>
01/2024	Second Place <i>IEEE Mansoura Branch Data science Competition</i>
05/2023	Second place <i>Software Engineering Competition, FCIS</i>
11/2022	First Runner-up in Africa <i>Huawei ICT Competition</i>

Languages

English

B2

Personal Skills

Analytical Thinking and Problem Solving

Intermediate Level

Leadership and Team Management

Graduation Project Team Leader

Effective Communication

Public Speaking and Presentation Skills

Teamwork and Collaboration

Business Development and Strategy