

Omar Mohamed Fathy Attia

✉ eng.omarfathy98697@gmail.com ☎ 01050605580 📍 mansoura

🌐 linkedin.com/in/omar-fathy-170865325 🐙 github.com/Omarfathy56

👤 Objective

- AI Engineer with a strong foundation in machine learning, deep learning, and data science. Skilled in developing intelligent systems, training custom models, and deploying scalable AI solutions. Experienced in Python, TensorFlow, PyTorch, and cloud platforms. Passionate about solving real-world problems through automation and data-driven decision-making.

🎓 Education

Mansoura National University (Expected Graduation: 2027) GPA: 2022 – 2027
3.63/4.0

Bachelor of Artificial Intelligence

Udemy May 2024 – Sep 2024

- Machine Learning A-Z : AI, python and R

Zero grad May 2024 – Sep 2024

- Machine learning bootcamp

Udemy Jul 2023 – Dec 2023

- 100 Days of Code : The complete Python Pro Bootcamp

💼 Internships

DEPI (Digital Egypt Pioneers Initiative) Jul 2025 – now

- Currently continuing advanced studies through the **Digital Egypt Pioneers Initiative (DEPI)**, focusing on deep learning, neural networks, and practical projects using TensorFlow and real datasets and soft skills.

NTI (National Telecommunication Institute) Jan 2025 – Feb 2025

- Completed a comprehensive Machine Learning track at **NTI**, covering essential topics such as supervised and unsupervised learning, regression, classification, model evaluation, and real-world applications using Python, Scikit-learn, and Pandas.

🧠 Skills

- | | | | |
|-------------------|--------------------|-----------------|--------------------|
| • Python | • Data science | • Data analysis | • Machine Learning |
| • Deep Learning | • Embedded Systems | • C | • GIT / GITHUB |
| • Problem Solving | C | | |

Projects

Hangman Game

- A classic word-guessing game implemented in Python. The project emphasizes logic building and user interaction in a console environment, showcasing control flow and string manipulation.

IMDB Streamlit App

- An interactive web app built with Streamlit that allows users to explore, search, and visualize movie data from the IMDB dataset. Features include filtering by genre, rating, and year, as well as insightful charts and statistics.

Coronavirus Data Analysis

- A data-driven analysis of the global COVID-19 pandemic using Python (Pandas, Matplotlib, Seaborn). This project explores trends, infection rates, and geographical spread, providing clear visual insights through interactive graphs and dashboards.

California Housing Price Prediction (ML)

- A machine learning project that predicts housing prices in California using regression models. It includes data preprocessing, feature engineering, and model evaluation using algorithms like Linear Regression and Random Forest.

Cat vs Dog recognizer app

streamlit app that recognize the dog or the cat from the image

Cars Parking System

- Designed and implemented a smart parking system using sensors and microcontrollers to detect available spots and guide vehicles accordingly. Focused on automation, real-time monitoring, and efficient space utilization.

Sumo Car Robot

- Built a competitive sumo robot capable of detecting and pushing opponents out of a ring using ultrasonic sensors and motor control. Emphasized real-time decision-making, speed, and obstacle avoidance.

Car Soccer Game

- Developed a remote-controlled car soccer game where players control mini cars to hit a ball into goals. Combined elements of robotics, wireless control, and teamwork in a fun, interactive setup.