Amr Mohammed

Giza, Egypt | +201093118308 | amrm88289@gmail.com
linkedin.com/in/amr-mohammed-788913348 | github.com/AmrMohamed17 | kaggle.com/amr132

SUMMARY

Aspiring Machine Learning Engineer with strong fundamentals in DSA, OOP, and Git, and hands-on experience with Python, TensorFlow, and Scikit-learn. Passionate about building intelligent solutions and applying ML/DL knowledge to real-world challenges.

PROFESSIONAL EXPERIENCE

AI Internship   **Jun 2024 - Present**
Elevvo

- Developed machine learning models for regression, classification, and recommendation tasks using Kaggle and UCI datasets.
- Applied deep learning techniques with TensorFlow and Keras, focusing on evaluation metrics and model tuning.

PROJECTS

AI-Powered Resume Builder   **May 2025 - Present**

- Developing a full-stack web app to transform resumes and online profiles into ATS-compliant CVs using the Gemini LLM API and NLP.
- Building a real-time content editor with PDF export, leveraging Flask, PyMuPDF, and a modular architecture.

Local Product Finder (GP)   **Jul 2024 - Jun 2025**

- Created a mobile app that identifies products from images using MobileNet with 99% accuracy.
- Built a hybrid recommendation system combining content-based filtering (Sentence-BERT) and collaborative filtering (LightFM) to suggest local alternatives.

AlphaLearn Game   **Jul 2024 - May 2025**

- Developed a Unity game where difficulty adapts to player performance using reinforcement learning.
- Integrated an ONNX model that adjusts speed and obstacles in real-time based on player score.

SKILLS

Programming Languages: Python, C++, C#, Dart, HTML, SQL
ML & Deep Learning: TensorFlow, PyTorch, Scikit-learn, Keras, ONNX, Reinforcement Learning
Data Science & Analytics: Data Structures, PySpark, Jupyter Notebook, Pandas, NumPy, Seaborn
Web Development & APIs: Flask, GitHub API, Gemini API, REST APIs, HTML, CSS
Software Development: Linux, OOP, Git, Agile, Modular Architecture, SDLC

CERTIFICATIONS

Mathematics for Machine Learning   **2024**
DeepLearning.AI / Coursera

CS50's Introduction to Artificial Intelligence with Python   **2023**
Harvard Course

CS50: Introduction to Computer Science   **2022**
Harvard Course

EDUCATION

University of Ein Shams   **Oct 2021 - Aug 2025**
BSc., Computer Science

- Cumulative Grade: B, GP: A
- Coursework: Introduction to Machine Learning, Data Science, Neural Network

Tiba International School   **Sep 2017 - Jun 2020**
High School Diploma

- SAT: 1270 , ACT: 31