Ahmed W. Aldesouky

ENGINEERING STUDENT AND DATA ENTHUSIAST

OBJECTIVE

I am looking for an internship or entry level job offer as a machine learning engineer, data scientist or web development software engineer. I have taken various courses that include hands-on projects in these tracks. All beside my experience in problem-solving using C++.

CONTACTS

- Egypt, Giza, Sheikh Zayed city, 12588
- Phone Number: (+20)1550610568
- LinkedIn | Email | GitHub | Kaggle

EDUCATION

COMMUNICATION AND COMPUTER ENGINEERING BACHELOR OF SCIENCE, MANSOURA UNIVERSITY
[2021: Present (expected 2025)]

- CGPA: 3.62

Technical skills

- Python (NumPy and Pandas)
- Exploratory Data Analysis (EDA)
- Data Manipulation
- Machine and Deep Learning
- scikit-learn / TensorFlow
- OpenCV
- Webscraping
- C++ & Problem-Solving
- SQL
- Git/GitHub
- Google Cloud Platform (GCP)
- Streamlit

SOFT SKILLS

- Leadership
- Public Speaking & Presentation Skills
- Event Organization & Coordination
- Project Management
- Communicating for Impact
- Adaptability & Resilience

LANGUAGES

- Arabic (Mother Tongue)
- English (TOEFL iBT:81)
- German (B2 Goethe Zertifikat)

EXPERIENCE

Forward Program Trainee, McKinsey Academy
[May 2024 – Present]

- Learned about problem solving and how to communicate for impact
- Expecting to learn more about adaptability and resilience

IEEE ManCSC Data Science Trainee and Volunteer
[December 2023 – Present]

- Learned about data cleaning (using Pandas and NumPy), data visualization (using Seaborn and Matplotlib) and basics of some supervised and unsupervised machine learning models.
- Did four hands-on mini projects on my Kaggle account; as cleaning a motorcycle dataset, airline passenger satisfaction dataset, and making a KNN model for breast cancer prediction.
- Participated as an assistant instructor in Code Steps 4.0

Machine Learning Trainee, NTI
[March 2024 – May 2024]

- Learned more about some clustering models (Kmeans & Kmeans shift), classification (KNN, SVM, Naive Bayes & Logistic Regression), and Regression (Linear Regression).
- Learned to work with image and tabular data, and their preprocessing.

Projects

- Brain Tumor image dataset preprocessing using CV2.
- Line Follower Car Robot using ESP32, Arduino C, and IR sensors
- IoT Heart Attack Detection & Heart Rate Monitor
- Wuzzuf.net webscraping, exploring and analyzing its 8008 X 6 dataset.
- Training KNN modeling on a 570 rows dataset of breast cancer dataset.
- Exploratory Data Analysis with visualization on a 53K rows dataset of Online shopping in the United States, a 9K+ Netflix movies dataset, 130K airline passenger satisfaction datas, and a motorcycle 38.5K rows dataset cleaning.
- Clima - Flutter App with Live Weather Web Data

COMPETITIONS & AWARDS

- ECPC (Egypt Collegiate Programming Contest) Participant [2023]
- ROWAD 2.0 Entrepreneurship Champions Team Leader [2023]
- First Rank on Giza Governorate 9th Graders [2016-2017]