Abdulrahman Muhammad Abdelsalam Ahmed

Machine Learning Engineer

📍 Fayoum,Egypt 📞 (+20)0106-123-6286 ✉ abdulrahman.maa1995@gmail.com 🛡 Military Service: Completed

○ Github in linkedin kaggle kaggle

🎓 Education

Master of Engineering Degree, *Ottawa University joint with Data Science, Artificial Intelligence and Cloud Computing (Senior program)* ⬈

2022 – 2023 | Egypt

Graduated with a 3.67 GPA . ⬈

B.Sc. Of Computer and Information Systems,
Fayoum University ⬈

2016 – 2019 | Fayoum, Egypt

Graduated with a very good degree 76% ⬈ .

💼 Professional Experience

Valeo Techie FellowShip

07/2023 – 09/2023 | Smart Village, Egypt

- C/C++
- S / W Testing and development

🧠 Technical Skills

Technical Skills
-Python (Pandas, Numpy, Matplotlib)
-Image classification, Object detection, OpenCV
-Regression, Classification, Clustering, Anomaly detection, Dimensionality reduction
-Text classification, Clustering, Sentiment analysis,
-Data Preparation & Cleansing
-Basic Knowledge of LLM
-Linear algebra, Statistics and Probability
-Python, C++(OOP,DataStructure), Basics of R
-Git
- Data Base, Design using UML diagrams, Scrum and Agile methodologies.

🧩 Soft Skills

Dale Carnegie Program

- Communication skills | Leadership skills | Becoming a trusted advisor | High Impact Presentation

🌐 Languages

English — Professional working proficiency • **Arabic** — Mother tongue

📁 Projects

5G Network Optimization and Analysis using AI,
Masters' graduation project sponsored by AWS ⬈

- **my role:** Multiclassclasification, Agglomerative Clustering,Binary Class Classification, DBSCAN clustering with kappa score,lstm, streamlit,dashboard using pycaret

A) NLP Projects :

- **Chatbot system [RAG & LLM&Langchain] chatting with document - chatting with websitesand documents:Link_of_project** ⬈
- **chatbot depression awarness**
 [Ontology]
- **ElectionPrediction Using sentimentanalysis**

B) Computer Vision Projects :

- **Sports Products Multi-Class Classification**
[VGG]
- **Malware-classification-using-Malimg-dataset**
[ResNet,VGG]
- **Applying Regularization and Data Augmentation on CNN Model to Image Classification**
- **Applying-Deep-Learning-Models-to-Image-Classification**
- **Applying-Machine-Learning-Models-To-Image-Classification**
- **object detection of wastedata using YOLOv8**

C) Machine learning - Deep learning :

- **Intrusion Detection over kafka stream**
 [kafka, Docker, Random Forest, XgBoost]
- **Recognize different network intrution attacks using deep learning models**

📑 Certificates

IBM (2022) Predictive Analytics Modeler 2020 - Mastery Award ⬈

IBM (2022) Big Data Engineer – Mastery Award ⬈

IBM (2022) IBM SPSS Modeler V18.2.x Essentials ⬈

IBM (2022) IBM Watson Machine Learning Essentials

Data Structure and algorithm camps ⬈

Data Analysis in Excel
DataCamp

Database Fundamentals
MaharaTech