

# Mayar Amein

## Generative AI Data Scientist

Seeking to leverage my knowledge in machine learning, deep learning, and Large Language Models to contribute to innovative projects and drive meaningful insights in a dynamic work environment.

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📍 Egypt

🌐 [linkedin.com/in/mayaramein](https://www.linkedin.com/in/mayaramein)

## EDUCATION

### Data Science and Cloud Computing Diploma

Digital Egypt Builders Initiatives(DEBI)

11/2024 - 06/2025

### Generative AI Professional Diploma

Digital Egypt Pioneers Institute (DEPI) and CLS

04/2024 - 10/2024

#### Coursework Topics

- Deep Learning, Neural Networks, CNN, RNN, NLTK, Image Processing, Data Augmentation, Sentiment Analysis, NLP, GANs, Self Attention, Attention Mechanisms, Transformers, Chromadb
- Large Language Models, Generative Pre-Trained Models, Quantization, Fine tuning Retrieval Augmented Generation, LangChain, RAG, Ollama, MLFlow, Llamaindex, Vertex AI, Streamlit

### Data Science Diploma

ALX and Explore AI

05/2023 - 07/2024

#### Coursework Topics

- Data Preparing, Cleaning and Visualization, Principal Components Analysis, Dimensionality Reduction, Clustering, Recommender System and AWS Cloud Foundation
- Regression, Regularization, Decision Trees, Random Forest, Classification, Naive Bayes, Nearest Neighbor and Natural Language Processing

### Full Stack Web Development Diploma

Information Technology Inistitute (ITI)

07/2022 - 11/2022

Alexandria, Egypt

### Faculty of Computers and Artificial Intelligence

Helwan University

09/2016 - 08/2020

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#### Achievements

- Bachelor of Software Engineering (B.SE.)
- Software Engineering Premaster Diploma (2022)

## WORK EXPERIENCE

### Software Developer

Codeware

12/2022 - Present

Kuwait (Remotly)

Developed RESTful API endpoints using .NET Web API, and SQL Server to facilitate data transfer and implemented a user-friendly front-end design with HTML5, CSS3, and Razor to ensure an excellent user experience.

## SKILLS

Python

Padndas

Numpy

Sklearn

Tensorflow

Pytorch

SQL

Generative AI

Machine Learning

Deep Learning

MLOps

Natural Language Processing

Neural Networks

AWS Foundations

Data Processing

Data Visualization

Docker

Mathematics

Statistics

ProblemSolving

Excel

PowerBI

Tableau

HuggingFace

Kaggle

GitHub

Tableau

Communication

## PROJECTS

Advanced Text-to-Image Generation with DeepInfra API & MLflow (DEPI) (10/2024)



## VOLUNTEERING

Helwan university, Vision Student Organization (10/2018 - 07/2019)

Vice Head Multi Media

Helwan university, IEEE | Helwan Student Branch (HSB) (10/2017 - 06/2018)

IT Technician

Cairo university, Eng Break (08/2017 - 05/2018)

Graphic designer

## AWARDS

IBM Artificial Intelligence Analyst - Explorer Award 2019 (08/2019)

IEEE global contest website design in wordpress (10/2017)