

Michael Farid Fouad Haneen

Data Scientist

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🏆 HackerRank in LinkedIn 🐙 Github

EXPERIENCE

Cloud Computing Intern at Raya IT Company

Feb 2024 – present
Giza, Egypt

- Gaining hands-on experience in cloud infrastructure & management (VMware focus) at Raya IT.
- Passionate about Cloud security & automation.
- Bringing research & communication skills to collaborate on projects.

Data Scientist at DEBI (Digital Egypt Builders Initiative)

Jan 2023 – present
Zamalek, Egypt

- Driving AI and Data Science projects under the Ministry of Communications and Information Technology's initiative.
- Applying Computer Science expertise to advance Egypt's digital goals.
- preparing for AWS certification to deepen my expertise.

Artificial Intelligence Engineer at RadicalX

Nov 2023
New York, United States

As an Artificial Intelligence Engineer at RadicalX, I am leveraging technologies such as OpenAI and TensorFlow to develop an AI Dev Manager, create algorithms for personalized and adaptive learning, and devise robust anti-cheat and fraud detection systems.

Machine Learning Internship at Code Alpha

Jul 2023 – Oct 2023
Remotly, India

Contributed to cutting-edge ML projects, gaining hands-on experience in data analysis, model development, and optimizing algorithms for real-world applications.

EDUCATION

Bachelor of Computer and Information Science

Ain Shams University

2023
Cairo, Egypt

GPA : 3.2

Graduation Project : A (Excellent)

CERTIFICATES

Machine Learning certificate (HCIA-AI)
Huawei

Google Data Analytics Professional
Certificate

Machine Learning Stanford University

Python for Machine Learning

Data Analysis With Python

HackerRank SQL (Advanced)

SQL for Data Analysis
(udacity)

SQL Golden Badge Hackerrank

PROJECTS

TureTrace (Graduation Project : A)

JavaScript - React.js - Bootstrap - MetaMask - Truffle Framework - Web3.js - Node.js - Solidity

Product identification system that utilises Blockchain technology to Design a system that prevents the purchase of counterfeit products, secures product details via a QR code, and helps companies identify the faked products.

Social Networks Analysis Tool (GUI)

Python - Tkinter (GUI library) - networkx

This tool provides community detection using the Louvain algorithm and evaluation metrics such as Conductance, modularity, NMI, and community coverage. Also offers link analysis techniques as PageRank and filtering nodes based on degree, closeness, betweenness, harmonic centralities.

Gender Classification

Jupyter Notebook - Python - matplotlib - keras - sklearn - CNN Model

preprocess data, implement deep learning models for gender classification of images, and optimize neural network layers to avoid overfitting or underfitting.

Flight Gradient Descent Model

Regression algorithm - Gradient Descent - Pandas - numpy - sklearn - matplotlib

This is a machine learning model written in Python that predicts the gradient descent of one variable according to another.

COVID-19-Shiny-Dashboard

R Programming Language - shiny - dplyr - ggplot2 - magrittr

Provides a visual summary of COVID-19 data, including global statistics, top & lowest countries in Cases & Deaths, Users can interact to explore and analyze COVID-19 statistics.

Stock Price Prediction

Data PreProcessing - Stock Analysis (EDA) - Model Selection and Training

Utilizes historical stock market data, volatility indices, and fundamental indicators to forecast future stock prices, offering valuable experience in working with large datasets and prediction modeling.

SKILLS

R | Python | MATLAB | MySQL | Oracle Database | Machine Learning

Deep Learning | Linear Algebra | SQLite | SQL Data Analysis | Power BI | Tableau

Data Manipulation | Data Visualization | Problem Solving | Java | Algorithms

Design Pattern | Data Structure | JavaScript | C | C++ | C# | Firebase | Docker

Web3 | Microsoft Excel | Data Mining | AWS | CI/CD pipelines