Michael Farid Fouad Haneen

Data Scientist

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▥ HackerRank in LinkedIn ○ Github

EXPERIENCE

Data Scientist, *Digital Egypt Builders Initiative (DEBI)* — 01/2023 – 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.
- Autonomously contributing to DEBI's innovative tech initiatives.

Artificial Intelligence Engineer, *RadicalX* — 11/2023 – present, New York, United States

As an Artificial Intelligence Engineer at RadicalX, I am leveraging technologies such 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, *Code Alpha* ⧉ — 07/2023 – 10/2023, Remotly, India

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

Problem Solver | ACM ACSIS, *Ain Shams University* — 2019 – 2021

Solving High Level Challenges in C++, Java, and Python Programming Languages & Solving Problems in the Field of Pointers, Stacks, Data Structures, and Algorithms

EDUCATION

Bachelor of Computer and Information Science, — 2023, Cairo, Egypt
Ain Shams University ⧉
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 Pediction,
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 | Mircrsoft Excel | Data Mining