

Michael Farid Fouad

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 LinkedIn  Github  Exempted  HackerRank

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 in cloud technologies.

Artificial Intelligence Intern at RadicalX

Jul 2023 – Nov 2023

Remotly

As an AI Engineer at RadicalX, I use OpenAI and TensorFlow to build an AI Dev Manager, design personalized learning algorithms, and develop strong anti-cheat and fraud detection systems.

EDUCATION

Bachelor of Computer and Information Science , Ain Shams

2019 – 2023

University [🔗](#)

Cairo, Egypt

- GPA : 3.2 (Very Good)
- Graduation Project : A (Excellent)

CERTIFICATES

- Machine Learning (HCIA-AI) Huawei [🔗](#)
- Google Data Analytics [🔗](#)
- Cloud Computing Foundation
- Cloud Virtualization, Containers [🔗](#)
- Linux and Bash for Data Engineering [🔗](#)
- Machine Learning Stanford University [🔗](#)
- Python for Machine Learning [🔗](#)
- HackerRank SQL (Advanced) [🔗](#)

SKILLS

Programming Languages: C , C++ , Java , JavaScript, Bash , R , Python , MATLAB , MySQL

Tools & Technologies: Linux , Docker , Git , VMware , AWS , VCP (Data Center Virtualization) , Terraform , Cloud Computing , Virtualization , CCNA , MSCA , Web3 , Firebase , Deep Learning , Power BI , Tableau , Oracle Database ,

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.