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Fady Noshy Nazir Ibrahim

Data Scientist /Machine Learning Engineer

Upwork URL: [FadyIbrahim](#)
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Seeks the opportunity to participate in innovative Data Science and Artificial Intelligence projects. Had accomplished many projects to sharpen my skills and developed the expertise needed to create practical solutions.

TECHNICAL EXPERIENCE

Network Data Scientist

Vodafone Intelligence Solutions (_VOIS)

August 2023 — Present

Giza, Egypt

- Develop data pipelines and machine learning models on various use cases.
- Deploy on and utilize cloud services on GCP according to the need of every use case.

Machine Learning Engineer

Fixed Solutions

MAY 2022 — August 2023

Cairo, Egypt

- Using computer vision in a project aims to help coaches enhance their trainees' skills by fetching data and collecting sports statistics from videos of other players.
- Dealing with Data from numerous sources and constructing a Spark ETL pipeline based upon delta lakes orchestrated by Airflow to create a unified schema Postgres database.
- Create a multilingual chatbot using open-source LLM comparable to ChatGBT and search information from predefined data using sentence embeddings.

Data Scientist Freelancer (Upwork)

NOV 2021 - Present

- Doing Machine learning tasks in (Python, Matlab)
- Modifying existing code and using pre-trained models (transfer learning) to do NLP projects.

Artificial Intelligence Engineer Intern

Softec International Company (Research and Development department)

SEP 2021 – DEC 2021

Giza, Egypt

- Implement Genetic Algorithms using C# on the .NET platform.
- Our objective was to compare numerous genetic algorithms to implement them in a product that enhances institutions' logistics.

EDUCATION

Artificial Intelligence Engineer Trainee

Information Technology Institute (ITI), Ministry of Communication and Information Technology (MCIT)

APR 2021 - DEC 2021

AI pro 9 -month program -powered by EPITA

Bachelor of Science in Mechanical Engineering

Alexandria University, Egypt

June 2015 – June 2020

Cumulative Grade (83.5%) – (Very Good with Honor).

Graduation project (Designing of a level luffing crane) with grade (Excellent)

TECHNICAL SKILLS

Programming and scripting languages Tools and libraries

Python, java, C#, SQL
Pandas, PySpark, Airflow, Matplotlib, Seaborn, Plotly, tableau, Scikit Learn, Tensor-
Flow, PyTorch, AWS services ,GCP services, Dash, Flask, Fast, Streamlit..etc

AI fields

NLP, Computer Vision, Generative Adversarial Networks(GANs), Recommender Sys-
tems

Data preparation

Web scrapping, Data acquisition and cleaning

Other technologies

PostgreSQL ,BigQuery, Mongo DB, Linux(RedHat 1) Administration, Docker

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CERTIFICATES

GCP Professional Machine Learning Engineer Certification

Credential link:[credly.com](#)

AWS Certified Machine Learning - Specialty

Credential link:[credly.com](#)

MLOps Specializan

Credential link:[Coursera.com](#)

AWS Certified Data Analytics – Specialty

Credential link: [credly.com](#)

Certified by DataCamp as a Professional Data Scientis

Credential link: [DataCamp.com](#)

Machine learning Engineer Full Track from DataCamp

Consists of 93 hours of 23 courses

Data ScientistFull Track from DataCamp

Consists of 88 hours of 23 courses, 6 projects with real-life data sets

Deep Learning Specialization

Credential link: [Coursera.com](#)

ACADEMIC PROJECTS

Kaggle Competitions

MAY 2021-Present

Applying Exploratory data analysis (EDA), training different machine learning models and different deep learning models then validating them. Competition names: (Car Crashes' Severity Prediction), (Seoul Bike Rental Prediction - AI-Pro – ITI), (Dry Beans Classification), (Contradictory, My Dear Watson (Detecting contradiction and entailment in multilingual text using TPUs)),(Stable Diffusion - Image to Prompts)

SOFT SKILLS

Languages

Arabic (Native),English (Fluent)

Interpersonal

Self-Learning, Time Management, Leadership, Teamwork