

Mahmoud Kharoof

COMPUTER ENGINEER/DATA SCIENTIST

Hard & Smart working individual who strives to always be the best at what I do. Aiming to leverage proven analytical, creative, and critical thinking skills to successfully execute tasks. **Car License available and sponsored VISA.**



mkharoof84@gmail.com

0506775591

Dubai, United Arab Emirates

github.com/Mahmoud67-stack/MyProjects

WORK EXPERIENCE

Data Scientist & Engineer Metropolitan Premium Properties

01/2024 - Present

Dubai, UAE

Metropolitan Premium Properties is a leading real estate company in the UAE, specializing in property sales and rentals

Achievements/Tasks

- Built data architecture from scratch, boosting accessibility and decision-making by 30%.
- Created 15+ Power BI dashboards for data storytelling, team performance, market analysis, marketing ROI, and financial insights. This improved decision-making by 40% and saved over 50,000 monthly.

Data Analyst Homie Portal L.L.C

08/2022 - 01/2024

Dubai, UAE

Homie Portal is a Super Cashback Start-up app, That Acts as a Bridge Between Consumers & Service Providers & Provides a Variety of Services

Achievements/Tasks

- Analyzed market data and did financial analysis to identify trends and insights. Increased data-driven decision making by 15%.
- Created a Power BI dashboard accessing over 5 data sources, automating weekly reports and reducing reporting time by 20%.

Data Scientist - Internship NSD Software Solutions

07/2022 - 08/2022

Dubai UAE

Global Software Solutions & Network Systems Development Company

Achievements/Tasks

- Applied AI and Machine learning algorithms to enhance the security of the network in peak times by 25%.
- Analyzed network traffic data to identify performance issues. Reduced latency by 10%.

Data Analyst - Internship Network International

01/2022 - 07/2022

Dubai UAE

MENA Gateway Payment Solution

Achievements/Tasks

- Resolved over 75 software issues and reduced incident resolution time by 30%.
- Implemented cloud solutions leading to 10% improvement in transaction processing speed.
- Increased authorization approval rates by 5% through machine and AI learning algorithms.

EDUCATION

Bachelor of Engineering in Computer Engineering Minor in Computer Science & Data Science

American University of Sharjah

2018 - 2022

Sharjah, United Arab Emirates

SKILLS

Power BI Artificial Intelligence Machine Learning

Google Analytics Google Big Query AWS

Microsoft Azure Data Science Spark

Microsoft Excel Statistical Analysis Data Preprocessing

Data Analytics Google Firebase Business Intelligence

Reinforcement Learning in Python & R Financial Analysis

MongoDB Tableau SAS Enterprise SQL

jQuery Data Visualization Big Data

PERSONAL PROJECTS

Real Estate Market Forecast Based on News (10/2023 - 12/2023)

- Developed an automated AI & Machine learning python and R code, that reads Real Estate Market News and applied text engineering & sentiment analysis, plus financial data to give recommendations to provide high ROI.

Financial Analysis Automatic Reporting (03/2023 - 04/2023)

- Developed a python code that engineers financial data then applies AI and machine learning to build projections the upload to BigQuery to import in PBI.

Stock/cryptocurrency trading bot using Artificial Intelligence (04/2020 - 02/2021)

- Develop an algorithmic trading bot that trades stocks and cryptocurrency using Python and AI algorithms with the help of data science (In works).

Movie Recommendation System (10/2021 - 12/2021)

- Developed a recommendation system using python & R unsupervised Machine Learning algorithms.

ACHIEVEMENTS

- Microsoft Certified: Power BI Data Analyst
- Google Data Analytics Professional Certificate
- Microsoft Office Specialist (MOS) - Excel Associate
- Microsoft Certified: Azure Solutions Architect
- AWS Certified Solutions Architect

LANGUAGES

English
Full Professional Proficiency

Arabic
Native or Bilingual Proficiency