Ahmad Alqaisi

Data Scientist

Data Scientist with expertise in data analysis, machine learning, and mathematical modeling. Focused on leveraging data-driven solutions to solve complex business challenges and enhance decision-making. Proficient in Python, R, SQL, and big data technologies. Committed to delivering reliable insights through structured analytics, efficient algorithms, impactful data visualizations, and reports.

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📍 Amman, Jordan

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EDUCATION

Data Science and AI
Al al-Bayt University

10/2021 - 06/2025   *GPA: 3.63*

WORK EXPERIENCE

Data Science (Internship)
Binary Digits

07/2024 - 09/2024   *Amman, Jordan*

A company operates in information and communications technology sector. Specializes in design and development of computer programs and systems.

Achievements/Tasks

- A flask web application for predicting debt collections for a batch (dataset) of debts for the next month, which have not been collected yet, using a pre-trained machine learning model on historical debts data, and a preprocessing pipeline. Repository link: https://github.com/AMQ4/ML-apps/tree/master/collection_model

- An exploratory data analysis of debt collection records to identify patterns and improve collections. Data cleaning, statistical analysis, and visualizations were conducted to assess trends in debt age, service end dates, and collector performance. Repository link: https://github.com/AMQ4/Debt-Collection/blob/master/EDA.ipynb

- A Jupyter Notebook for preparing debt collection datasets by cleaning, merging, and feature engineering, including calculating contact frequency and debt age, to support predictive modeling. Repository link: https://github.com/AMQ4/Debt-Collection

Data Science (Internship)
SHAI for AI

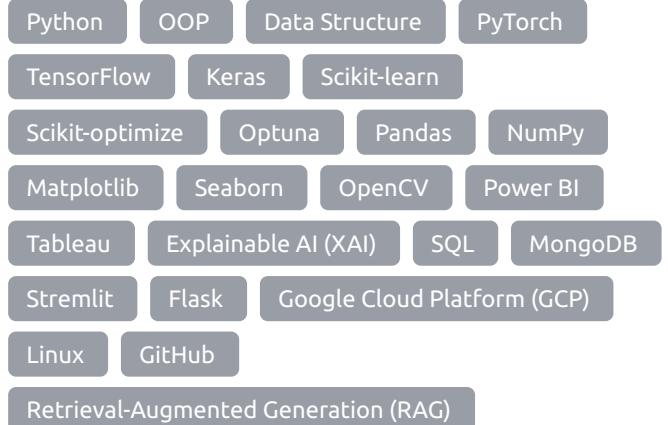*03/2024 - 07/2024*   *virtual*

SHAI is a Saudi AI-tech leader, excels in customizing AI for the MENA region.

Achievements/Tasks

- Designed and developed an interactive sales analysis dashboard in Power BI to visualize and analyze historical sales data.

- Applied machine learning algorithms and optimization techniques to end- to-end prediction and classification projects.

- Achieved 5th place in machine learning competition for classifying music tracks into genres (e.g., Rock, Pop, HipHop) using audio-related features.

SKILLS

Python | OOP | Data Structure | PyTorch | TensorFlow | Keras | Scikit-learn | Scikit-optimize | Optuna | Pandas | NumPy | Matplotlib | Seaborn | OpenCV | Power BI | Tableau | Explainable AI (XAI) | SQL | MongoDB | Stremlit | Flask | Google Cloud Platform (GCP) | Linux | GitHub | Retrieval-Augmented Generation (RAG)

PERSONAL PROJECTS

Automated Detection of Brain Hemorrhage (ICH) Detection in CT Scans (12/2024 - 05/2025)

- Developed a deep learning model to automatically detect brain hemorrhages in CT scans, integrating a Retrieval-Augmented Generation (RAG) layer and Grad-CAM for enhanced explainability (XAI). Achieved **6th place** in the **RSNA Intracranial Hemorrhage Detection Challenge 2019** on **Kaggle**.

VOLUNTEERING

Chairman, IEEE Computer Society at Al al-Bayt university (04/2024 - Present)

Founder, IEEE Jordan Modelthon
https://jordan.ieee.org/modelthon-1-0/

Member, IEEE (01/2023 - Present)

CERTIFICATES

Google Data Analytics Professional Certificate — Coursera (03/2024)

100 Days of Code: The Complete Python Pro Bootcamp — Udemy (05/2023)

Java 17 Masterclass — Udemy (11/2024 - Present)

Git & GitHub - The Practical Guide — Udemy (01/2023)

LANGUAGES

English
Professional Working Proficiency

Arabic
Native or Bilingual Proficiency