ABDULAZIZ ALTHOBAITI

Programming | Data Science

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- ## Summary

  A highly motivated Data Analyst and AI Developer with proven Full-Stack development skills and a strong academic background (4.57 GPA) from the Institute of Public Administration, solidified through intensive bootcamps at SDAIA (T5) and Tuwaiq Academy. My practical experience is highlighted by winning 2nd place in the Future Fintech Hackathon for architecting an "Embedded Finance" solution, alongside developing advanced Machine Learning and Computer Vision models for credit scoring and customer churn prediction. As a current Data Science student, I am eager to apply my hands-on expertise and passion to solve complex challenges and drive innovative outcomes.

- ## Projects & Hackathons

  - **Embedded Finance Platform (Fintech Hackathon - 2nd Place)**
  - **AI Credit Scoring Model**
  - **Customer Churn Prediction Model (XGBoost)**
  - **Sales & Revenue Analysis Dashboard (Power BI)**
  - **BallVision - Football Performance Analysis (SCAI Hackathon Finalist)**
  - **Saudi Plant Classification Mobile App (SwiftUI & AI)**
  - **Movie Recommendation System (Flask API)**
  - **X-ray Image Classification Model (Deep Learning)**

- ## Technical Skills

  - **programming languages :** Python | SQL | C#

  - **frameworks & tools** : Power BI | Excel | Matplotlib | EDA | SQLAlchemy | Computer Vision | Streamlit | Scikit-learn | Feature Engineering | Fine Tuning | OOP

- ## Communication Skills

  - Articulated the business impact of machine learning models to diverse audiences in specialized AI training camps.

  - Authored comprehensive technical documentation for a deep learning model to ensure project reproducibility and usability.

  - Translated complex machine learning concepts into actionable insights for non-technical stakeholders (Data Storytelling).

- ## Certificates

  - AI & Data Science Bootcamp Certificate – **T5 SDAIA** (2024 | 3 months).

  - AI Models Development Camp – **Tuwaiq Academy** (2024 | 2 months).

  - Oracle AI Vector Search – **Oracle** (2025).

  - Microsoft Power BI Certification – **Microsoft** (2023).

  - Microsoft Excel Certification   – **Microsoft** (2023).

  - Introduction to Artificial Intelligence (AI) – **IBM** (2024).

- ## Education

  - Diploma in **Computer Programming**, GPA: **4.57/5.0 ,Institute of Public Administration**, **Jeddah**

  - Currently studying Bachelor's degree in Data Science – **Saudi Electronic University**