

# Abdulelah Moafa

## Computer Science

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🔄 Abdulelah-moafa 📍 Saudi Arabia

### PROFILE

Computer Science graduate with a focus on AI and data science. Skilled in Python, machine learning, neural networks, and data visualization. Able to build smart models and extract insights to support decision-making. Passionate about developing innovative, AI-driven solutions.

### EDUCATION

**Bachelor's degree in Computer Science**  
Jazan University

2025 | Saudi Arabia

### PROFESSIONAL EXPERIENCE

**Saudi Telecom Company (STC)**

06/2024 - 08/2024 | Saudi Arabia

Cooperative training

- Experience in technical infrastructure and data analysis.
- Strong teamwork and collaboration skills with technical teams.
- Knowledge of planning and task management fundamentals.
- Gained training and mentorship from industry professionals.

### SKILLS

#### Programming Languages :

- Python
- SQL
- Java
- HTML
- CSS

#### Data Analysis & Visualization :

- Data cleaning
- statistical analysis
- data visualization
- Power BI

#### Machine Learning :

- Knowledge of supervised, unsupervised, and reinforcement learning.
- Skilled in data preprocessing, feature engineering, and model evaluation.
- Experience applying ML algorithms such as ANN, Decision Trees, Random Forest, K-Means, and SVM to real-world datasets.

#### Soft Skills :

- Communication
- Problem-Solving
- Critical Thinking
- Teamwork
- Self Learning
- analytical thinking

#### Libraries :

- Pandas
- NumPy
- Matplotlib
- Seaborn
- Keras
- TensorFlow

### PROJECTS

**EHTM - Mobile Application**

09/2024 - 04/2025

Graduation Project

A mobile application designed to improve the quality of life for patients by providing easy access to essential medical services and health information.

**Data Science Jobs Indeed USA**

Cleaned and analyzed job data from Indeed using Python, and built a Power BI dashboard to visualize titles, locations, and salary trends.

**Fraud Detection Using Artificial Neural Network (ANN)**

Built and trained an ANN model to detect fraudulent credit card transactions using real-world data.

**Student Performance Analysis**

Explored student data and built regression models to predict math scores

## AWARDS

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- **5th Place, Capture the Flag Cybersecurity Competition**  
Jazan University

## COURSES

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**Introduction to AI**  
KAUST

**Fundamentals of Artificial Intelligence**  
SDAIA

**Calculus for Machine Learning and Data Science**  
Coursera

**Probability & Statistics for Machine Learning**  
Coursera

**Linear Algebra for Machine Learning and Data Science**  
Coursera

**What is Data Science?**  
Coursera

**Introduction to Data Science**  
Satr

**Python for Data Analysis: Pandas & NumPy**  
Coursera

**Data Collection and Processing with Python**  
Coursera

**Python Classes and Inheritance**  
Coursera

**Python Functions, Files, and Dictionaries**  
Coursera

**Python Basics**  
Coursera

## LANGUAGES

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Arabic

English