Omar Obaid Alkhammash

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Education

Bachelor's Degree, *University of Jeddah* 08/2021 – 07/2026
College: Computer Science & Engineering
Major: Artificial intelligence
GPA: 4.64 (Out of 5)
4th year, Still Studying

Skills

- Proficient in Python, C++, SQL, Java, and JavaScript (Node.js)
- Experienced in Machine Learning, Deep Learning, NLP, and Computer Vision.
- Data Science/Analysis & Visualization.
- Skilled in Excel and MS Project.
- Skilled in NumPy, Pandas, Matplot, Pytorch, Seaborn, and Sklearn.
- Strong understanding of OOP.

Languages

Arabic
Fluent, Mother tongue.

English
Fluent (STEP Exam Grade: 93/100).

Courses

The Advanced & Introductory Al Specialization Programs, *KAUST Academy (80hrs)*
Machine Learning, Data Science, Data Analysis, Deep Learning, Regression, Classification, Computer Vision.

Python 3 Programming Specialization, *University of Michigan (39hrs)*
Computer Programming, Python Programming.

Deep Learning Specialization, *DeepLearning.Al (52hrs)*
Machine Learning, Deep Learning, Computer Vision.

Advanced Pathways in Artificial Intelligence, *SDAIA (52hrs)*
Machine Learning, Deep Learning, Computer Vision.

Exploratory Data Analysis for Machine Learning, *IBM (12hrs)*
Data Analysis, Data Structures, Machine Learning.

Supervised Machine Learning: Regression, *IBM (15hrs)*
Machine Learning, Probability & Statistics, Data Analysis.

GitHub Projects

House Price Prediction and Clustering with Deep Learning
Developed with a neural network regressor and a custom encoder-decoder architecture in PyTorch; Hierarchical algorithm applied for clustering.

K Means Clustering from Scratch
Model was made using only NumPy.

Hierarchical Clustering from Scratch
Model was made using only NumPy & SciPy.

Discord Chat-Bot
More than 150 commands, written with Java Script.