

Khaled Mohamed Hamza *Machine Learning*

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📍 Cairo - Egypt

🌐 [Linked In Profile](#)

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Profile

Passionate and driven AI enthusiast dedicated to solving real-world challenges through continuous learning and project work. Committed to staying updated on AI advancements and expanding expertise through self-study.

Education

2019/10 – 2023/07	Bachelor's Dgree
Asyut, Egypt	<i>Faculty of Computers and Information Assiut University Majoring in Computer Science</i>
	Grade: Very Good GPA: 3.11

Skills

C++,C#	Object Oriented Programming (OOP)
Data Structures, Algorithms	statistics & probability
Python , Numpy, Pandas, Matplotlib, Seaborn	Problem solving
data anlysis	Machine Learning
Tensorflow, scikit-learn	Flask
SQL	Neural Networks (NN)

Awards

2023/03	1th place in the Solve X Hackathon <i>Assiut University</i> My team won first place with an innovative AI application at the Department of Engineering Sciences.
2023/08	Attained to finalist of MADE IN EGYPT PROGRAM(MIE) <i>IEEE Egypt Section, MADE IN EGYPT PROGRAM (MIE) and IEEE Young Professionals Egypt</i> attained a Finalist in the Smart World Track at the American University in Cairo (AUC)

Certificates

DATA ANALYSIS CHALLENGER Track from FWD and Udacity 🔗	Linear Algebra for Machine Learning and Data Science from Coursera 🔗
Supervised Machine Learning: Regression and Classification from Coursera 🔗	Advanced Learning Algorithms (NN) from Coursera
Introduction to TensorFlow for Artificial Intelligence,Machine Learning,and Deep Learning 🔗	Unsupervised Learning, Recommenders, Reinforcement Learning from Coursera
Database Fundamentals 🔗 from Mahara Tech	

Professional Experience

2023/08 – 2023/09 Remote, India	Artificial Intelligence (AI) Intern <i>CodeClause Company</i> ↗
2024/03 – 2024/06 Remote, Jordan	Data science and Machine Learning intern <i>Share Artificial intelligence (SHAI For AI الاصطناعي للذكاء شاي)</i> ↗

Projects

2022/08 – 2023/07	Arabic Sign Language to Text <i>Create Dataset and deploy the model with Flask</i> An object detection and Computer Vision project to convert Arabic sign language to text, built using the Yolo model and Create Dataset (24k) images for Arabic sign
2023/11	House price prediction ↗ <i>Machine Learning (Regression)</i> Developed model leveraging multiple features such as area, number of bedrooms, address, etc., to accurately estimate property values.
2023/12	Factory Workers' Daily Performance & Attrition ↗ <i>Machine Learning (Classification)</i> model to determine the performance of workers in the Factory with multiple features
2024/01	Car Price Prediction ↗ <i>Machine Learning (Regression) With Neural Network (NN)</i> model to predict car prices with some features, data preprocessing on the dataset, and data visualization, and then trained model in different model algorithms such as Linear Regression, Random Forest, KNeighbors, Neural network(NN)
2024/01	Employees-salaries ↗ <i>Data analysis Task</i> do Data Preprocessing And Data Visualization on dataset
2024/02	athlete_event_project ↗ data analysis projects analysis athlete event project do data cleaning and data preprocessing in colab and data visualization with the Power BI program