

ahmed alqatameen

I am an enthusiastic student studying Intelligent Systems Engineering, with a passion for AI and deep learning. The internship opportunity at the University of Genoa is an excellent way for me to gain practical experience, collaborate with professionals in the field, and further explore the fascinating world of AI. My ultimate goal is to develop a comprehensive understanding of various AI disciplines, enabling me to specialize in a specific area.



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SKILLS

Programming Languages: Python, C++, Java

Neural Networks: CNN, RNN, LSTM, Generative Neural Networks, Transformers, Autoencoders

Machine Learning: Familiar with various algorithms

Computer Vision: Experience with edge detection and related algorithms

EDUCATION

Intelligent Systems Engineering student Tafila Technical University

TAFILA

Courses

- C + + • Neural Networks • Python • Deep Learning • Data Structures • Machine Learning • Digital Logic Design • AI - Search algorithms, fuzzy logic • Signals and Systems • Intelligent Embedded Systems • Principles of Communication • Databases and SQL Systems • Microprocessor 8086 • Computer Vision • Digital Signal Processing • Computer Networks

PROJECTS

Handwritten Digit Classification using Neural Networks

- Implemented a neural network model to classify handwritten digits based on the MNIST dataset, achieving high accuracy rates.

Regression Problems using Machine Learning Algorithms

- Utilized various regression algorithms to predict housing prices, stock market trends, and other real-world datasets, focusing on accuracy and model evaluation

Statistical Models

- Developed and evaluated statistical models as classifiers and regressors, including linear regression, polynomial regression, k-nearest neighbors (KNN), and support vector machines (SVM), using publicly available datasets from reputable sources.

Simple Fuzzy Logic Projects

- Applied fuzzy logic principles to projects such as temperature control systems and decision-making models.

Convolutional Neural Networks (CNN) using Python, PyTorch, and TensorFlow

- Implemented CNN architectures to perform image classification, object recognition, and image segmentation tasks in computer vision projects.

Computer Vision Projects

- Developed functions for edge detection, smoothing, road sign detection, and classification using techniques such as Canny edge detection, Gaussian blurring, and image segmentation.