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📍 Faisalabad (willing to relocate), Pakistan

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SKILLS

Python, R, Scikit-learn

Tensorflow, Pytorch, Matplotlib

Seaborn, Pandas, Numpy

SQL, Mongo-DB

Amazon Sagemaker

CERTIFICATES

AI For Everyone
(DeepLearning.AI)

Mathematics for Machine Learning and Data Science
(DeepLearning.AI)

Python for Data Science, AI and Development (IBM)

Machine Learning Specialization
(DeepLearning.AI)

Deep Learning specialization
(DeepLearning.AI)

LANGUAGES

English



Urdu



MUHAMMAD HAMZA

Data scientist \ Machine Learning Engineer

To land a challenging position in the field of Machine Learning Engineering that will restore the discipline's original meaning. I am someone who enjoys detailed planning since it helps me to pursue my goals effectively.

WORK EXPERIENCE

Data Scientist \ ML Engineer

Upwork

2022

I am a professional developer, who loves to code Computer Vision & Machine / Deep Learning applications. In three short years, I have worked on different flavors of neural networks and ML algorithms to address real-life complex problems.

- Suspicious Activities Detector:

Detect suspicious activity based on sequence detectors, detect the weapons based on object detectors, and track the person in surveillance videos.

- Emergency vehicles detection:

This project detects and tracks emergency vehicles, such as ambulances, police cars, and fire trucks, in crowded areas so that they can save lives without wasting time.

- AI Virtual Mouse and Volume Controller:

Based on hand gestures, the computer can be controlled virtually and can perform left click, right-click, scrolling functions, and computer cursor functions without the use of the physical mouse.

- Imaging base Training and Fault Detection (Personal Project):

Detect the three different classes (motor, generator, Transformer) tells about the specifications, then analyzes them by raising the temperature of the machine and determining whether the machine is working properly. If it is not working properly, notify the user before the fault occurs.

EDUCATION

Electrical Electronics Engineering

Comsats University Islamabad Abbotabad Campus

09/2018 - 09/2022