

ALI RAZA

Computer Scientist

To secure a position in the field of computers and information technology, where I can utilize my skills and abilities to contribute effectively to the growth and success of the organization. I aim to enhance my interpersonal skills and align my expertise with my passion for community empowerment and development.



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EDUCATION

Bachelors in Computer Science

COMSATS University Islamabad

02/2020 - 01/2024

3.23

ICS. Computer Science

FBISE Islamabad

2017 - 2019

71%

TERM PROJECTS

Road Sign Detection/Three Person Riding a Motorcycle (2022)

Employing YOLO for Accurate Detection of Road Signs or illegal riding on bike (3 person) on a Custom-Created Dataset.

Data Driven Fault Detection in AHU (2023)

Data-Driven Fault Detection in AHU, this AI project combines Deep Neural Networks (DNN), Support Vector Machines (SVM), and k-Nearest Neighbors (KNN) models to enhance HVAC system reliability by accurately identifying and diagnosing faults.

Sketchify (2023)

Sketchify, an AI project, transforms images into artistic sketches through advanced image processing filter, adding a creative dimension to visual content.

Classical Image Restoration to Colored Images (2023)

Revitalize black-and-white photos with Classical Image Restoration to Colored Images AI project, leveraging advanced algorithms to bring vibrant and lifelike hues to vintage pictures.

INTERNSHIPS

Machine Learning Intern

Technocolabs Software Inc.

10/2022 - 12/2022, Indore, Madhya Pradesh, India (Remote)
Deployment of ML project of Analysing Credit Risk on the European peer to peer lending platform Bandora

Artificial Intelligence Intern

Digital Pakistan Lab

07/2023 - 09/2023, , NewCity Phase#2 Wah Cantt
Developed and deployed an API of a Brain Tumor Detection, Used Keras for detection model and Streamlit for web deployment.

TECHNICAL SKILLS

- Tools [Pycharm, Wordpress, Cisco Packet, GitHub, Visual Studio, Visual Code, Google Colab, Xampp]
- Development Languages [Python, Html, Css, Laravel]
- Python Libraries [OpenCV, Keras, Torch, TensorFlow, scikit-learn, matplotlib, Numpy, Pandas, PIL]
- DataBase [Sqlite, Sql]

FINAL YEAR PROJECT

Vision Based Educational System (2023 - 2024)

Our project is built upon a cutting-edge vision-based learning system. ,incorporating advanced technologies such as machine learning, deep learning and other AI algorithms. The result is a highly sophisticated. web-based learning. Our goal is to create an innovative and efficient. learning solution that utilizes the latest AI advancements to offer a personalized and interactive learning experience to Children's.

RELEVANTCOURSEWORK

Introduction to Computer Science

Web Development

Database Systems

Machine Learning

Artificial Intelligence

Computer Vision

Image Processing

Pattern Recognition

LANGUAGES

ENGLISH



URDU



PUNJABI



INTERESTS

Football

Travelling

Driving

Cricket