AHMED MUJTABA BUTT

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EXPERIENCE

IT Intern
One Network

📅 Aug 2023 – Sep 2023

- Conducted Data Cleaning, Annotation, and Augmentation
- Assisted in developing an Auto-Vehicle Categorization (AVC) project using semi-supervised learning approach based on YOLOv8
- Supported deployment of AVC on motorways and toll plazas
- Conducted Internal Testing of M-Tag One Network App

Python Developer
Skillibility

📅 Sep 2022 – Oct 2022

- Developed a Resume Parser module in Python that aimed to extract relevant information from resumes
- Evaluated the module on a diverse set of resumes and achieved an accuracy rate of 80-85% through multiple revisions

Student Volunteer
Pakistan Red Crescent Society (PRCS)

📅 Aug 2022

- Spread awareness among the community on animal welfare
- Interviewed a veterinarian on animal cruelty and their rights
- Delivered presentations to orphanage kids on animal care
- Designed and distributed brochures on animal care and rights

PROJECTS

Shakespeare's Writing Generator
Python, TensorFlow

A deep learning model to generate Shakespeare's writing using a Recurrent Neural Network (RNN) with Long Short-Term Memory (LSTM) cells

Stop Sign Classification
Python, PyTorch

A deep learning model to classify stop signs from images using transfer learning from a pre-trained ResNet-18 model

Heart Failure Prediction
Python, scikit-learn

A machine learning model to predict the mortality rate of patients suffering from heart failure by evualating various machine learning algorithms and selecting the best one

For more information on my projects, please visit my GitHub profile @ ahmedmbutt

EDUCATION

B.E. in Software Engineering
National University of Sciences & Technology (NUST)

📅 Nov 2020 – Ongoing

CGPA: 3.90

A-Level
St. Mary's Academy

📅 2018 – 2020

Grades: 4A*

O-Level
St. Mary's Academy

📅 2015 – 2018

Grades: 5A* 3A 1B

SKILLS

Keras | TensorFlow | PyTorch | OpenCV
MongoDB | Express.js | React | Node.js
C | C++ | Java | Python | JavaScript
SQL | MySQL | Assembly | MATLAB

CERTIFICATIONS

Machine Learning with Python
Coursera | IBM

Introduction to Computer Vision and Image Processing
Coursera | IBM

Natural Language Processing in TensorFlow
Coursera | DeepLearning.AI

PUBLICATIONS

Using PCA for Data Reduction and Face Recognition on LFW Dataset
Medium | Python in Plain English

How to Handle Missing Data???
Medium | Python in Plain English

From HTML to Node.js: 12 Mini Web Projects to Boost Your Web Development Skills
Medium

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