

AHMED MUJTABA BUTT

@ahmedmujtababutt02@gmail.com
ahmed-mujtaba-butt

+92 (333) 869-4728
ahmedmbutt

Rawalpindi, Pakistan

ahmedmujtaba.pages.dev

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 a semi-supervised learning approach based on YOLOv8
- Supported the deployment of AVC on motorways and toll plazas
- Conducted internal testing of the M-Tag One Network App

Python Developer

Skillibility

Sep 2022 – Oct 2022

- Developed a Python-based Resume Parser module to extract relevant information from resumes
- Achieved an 80-85% accuracy rate after multiple module revisions

Student Volunteer

Pakistan Red Crescent Society (PRCS)

Aug 2022

- Raised community awareness on animal welfare
- Conducted interviews with veterinarians about animal cruelty and rights
- Delivered presentations on animal care to orphanage children
- Designed and distributed brochures on animal care and rights

PROJECTS

Shakespeare's Writing Generator

Python, TensorFlow

Created a deep learning model using Recurrent Neural Networks (RNN) with Long Short-Term Memory (LSTM) cells to generate Shakespearean writing

Stop Sign Classification

Python, PyTorch

Developed a deep learning model for stop sign classification using transfer learning from a pre-trained ResNet-18 model

Heart Failure Prediction

Python, scikit-learn

Built a machine learning model to predict the mortality rate of patients with heart failure by evaluating various machine learning algorithms

EDUCATION

B.E. in Software Engineering

National University of Sciences & Technology (NUST)

Nov 2020 – Ongoing

Current CGPA: 3.90

A-Level

St. Mary's Academy

2018 – 2020

Achieved 4A* grades

O-Level

St. Mary's Academy


2015 – 2018


Achieved 5A*, 3A, and 1B grades


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