

AHMED MUJTABA BUTT

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EXPERIENCE

Backend Developer

Bizwitt

Oct 2023 – Ongoing

Remote

- Developed mobile and web app backends using Dart and JavaScript with Firebase and SQLite
- Spearheaded a team of fellow classmates, ensuring timely project delivery and adherence to client requirements

AI/ML Intern

One Network

Aug 2023 – Sep 2023

On-site

- 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

Hybrid

- 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

On-site

PROJECTS

AI Gallery Genie - Where Images Meet Intelligence

Final Year Project

A cross-platform mobile application that provides a comprehensive set of features for managing and enhancing image galleries using advanced AI and machine learning techniques

- Blur Detection
- Tags Generation
- Emotion Detection
- Caption Generation
- Image Categorization
- Face Grouping
- Semantic Search
- Text Recognition
- Image Enhancement
- Artistic Style Transfer
- Change Objects
- Remove Objects
- Image Generation
- Multimodal Chatbot
- Edit Images with Prompt

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


C C++ Java Python JavaScript
Keras TensorFlow PyTorch OpenCV
Dart Flutter Firebase SQL MySQL
MongoDB Express.js React Node.js

CERTIFICATIONS


 Machine Learning with Python
Coursera | IBM

 Introduction to Computer Vision and Image Processing
Coursera | IBM

 Natural Language Processing in TensorFlow
Coursera | DeepLearning.AI

 Generative Deep Learning with 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