Ahtisham Saleem

BS Electrical Engineering

A highly motivated Electrical Engineering graduate with expertise in AI, ML, and DL. Skilled in applying machine learning models to real-world problems, with hands-on experience in data engineering, coding, and algorithm development. Proficient in Python, MATLAB, TensorFlow, and other AI/ML frameworks. Strong problem-solving abilities, demonstrated leadership skills, and a collaborative mindset for team-based projects.

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EDUCATION

Bs Program
Namal University Mianwali

07/2021 - 05 2025

Courses

- Machine Learning
- Data Structures & Algorithms
- Computer Programming
- Digital Image Processing
- Technical Writing & Communication
- Intro to Management

INTERMEDIATE (PRE-ENGINEERING)
CAMBRIDGE INTERNATIONAL COLLEGE

03/2029 - 05/2021

WORK EXPERIENCE

WORK STUDY STUDENT
NAMAL UNIVERSITY MIANWALI

07/2023 - 05 2025

Achievements/Tasks

- My responsibilities as a work study student include maintaining accurate and up-to-date documentation, procurement records, and assisting Manager Procurement in his administrative tasks.

Contact : Mr. Mehboob Waseem - Manager Procurement, Namal

Internee Electrical Department
Almoiz Industries Limited Unit II

06/2022 - 08/2022   *Piplan District Mianwali*

Achievements/Tasks

- Gained hands-on exposure to industrial power systems, including turbines, generators, and electrical distribution.
- Assisted in control room operations, monitoring load flow and understanding fault response mechanisms.

Contact : Syed Riaz Bukhari - HOD Electrical Department

Internee Power Department
Lucky Cement Phezu Plant

06/2024 - 08/2024   *Phezu Plant DI Khan*

Achievements/Tasks

- Gained hands-on experience in power generation, load management, and electrical distribution systems.
- Assisted in monitoring and maintaining generators and control panels to ensure smooth plant operations.

Contact : Mr. Tariq Naseer - General Manager HR

SKILLS

Machine Learning   Deep Learning

Data Preprocessing & Feature Engineering

Computer Vision (CV)   Model Evaluation & Tuning

Python   Cloud Computing & Deployment

ACADEMIC PROJECTS

FYP: AI based Rice Classification Application Development (07/2024 - 05 2025)

- Developed a cloud-based web application for rice classification using deep neural networks.
- Integrated machine learning models for accurate prediction of rice types from inputs images.

Visual Image Realism Classification Using Machine Learning (01/2024 - 02/2024)

- Developed ML models (SVM, MLP, CNN) to classify the realism of images based on perceptual features like color, texture, and familiarity.
- Tested the models on datasets to accurately predict image realism.

Details Enhancement in Natural Scene Images Using MATLAB (01/2023 - 02/2024)

- Developed a MATLAB GUI to enhance dark areas in natural images while preserving sky brightness using filtering, sharpening, and histogram equalization.

Library Management System using Python

- A Python-based application to manage a small library's catalog.
- It allows users to add, delete, modify, search, and display book records using arrays, sorting, and file handling.

CERTIFICATES

Certificate of appreciation for getting 2nd position at Business Idea Competition. (2025)

Certificate of appreciation for arranging & participation in Namal Tech Expo . (2024)

Certificate of appreciation for Voluntarly 2 year teaching local students of Education Wing NSSI at Namal University. (2023 - 2024)

LANGUAGES

English
Full Professional Proficiency

Urdu
Native or Bilingual Proficiency