

## SYED YAMEEN ALI

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### Professional Summary

AI Researcher & Data Scientist with hands-on experience in machine learning and medical AI. Skilled in model development, data analysis, feature engineering, and deep learning using Python. Published researcher with strong problem-solving abilities, focused on building practical AI solutions.

### Professional Experience

#### MNS UNIVERSITY OF ENGINEERING AND TECHNOLOGY

Multan, Pakistan

Renowned public sector engineering university in Multan.

#### Research & Lab Engineer

Sep 2025 – Feb 2026

- Assisted research activities and managed lab operations.

#### JTECH SOLUTIONS & COMPUTER ACADEMY

Multan, Pakistan

Renowned software house in Multan.

#### Data Scientist

Dec 2023 – Jul 2024

- Managed activities to optimize workflow and achieve objectives.

### EDUCATION

#### Bahauddin Zakariya University (BZU)

Multan, Pakistan

Master of Science in Data Science (3.28/4.00)

2025 - Ongoing

#### Muhammad Nawaz Sharif University of Engineering and Technology (MNS UET)

Multan, Pakistan

Bachelor of Science in Computer Science (3.56/4.00) Ranked 1st in Class

2020 - 2024

### Publications

- Enhanced Emotion Recognition on the FER-2013 Dataset by Training VGG from Scratch

Journal: International Journal of Innovations in Science and Technology (ISSN 2618-1630)

Url: <https://journal.50sea.com/index.php/IJIST/article/view/1085>

Date: October 24, 2024

- Nature Scene Classification Using Transfer Learning with Inception V3 on the Intel Scene Dataset

Journal: International Journal of Innovations in Science and Technology (ISSN 2618-1630)

Url: <https://journal.50sea.com/index.php/IJIST/article/view/1047>

Date: September 30, 2024

### Projects

- Enhanced Emotion Recognition on the FER-2013 Dataset by Training VGG from Scratch under supervision of Engr. Muhammad Talha Jahangir | Bachelor's Final Year Project

Thesis: [https://drive.google.com/file/d/1HH8xD8aPA2jRR6dBmyl\\_779sstXdJiFe/view?usp=sharing](https://drive.google.com/file/d/1HH8xD8aPA2jRR6dBmyl_779sstXdJiFe/view?usp=sharing)

- Nature Scene Classification Using Transfer Learning with InceptionV3 on the Intel Scene Dataset under supervision of Engr. Muhammad Talha Jahangir

- Implementation of an AI-Powered Traffic Analytics System Using YOLOv8 for Vehicle Detection and Flow Analysis in collaboration with Engr. Arsalan

- Augmented Reality-Driven Virtual Mouse Interface Using Hand Gestures for Touchless Computer Interaction under supervision of Dr Samina Naz

- Predictive Modeling of Breast Cancer Based on Symptoms Using Machine Learning Algorithms under supervision of Engr. Muhammad Talha Jahangir

- Real-Time Human Footfall Analysis System Using YOLOv8 Integrated with OpenCV

- Intelligent Diagnostic System for Heart Disease Prediction Based on Symptom Analysis under supervision of Engr. Muhammad Talha Jahangir

### Awards

- Received Prime Minister's Youth Laptop (Higher Education Commission)

Jul 2023

### Certifications and Online Courses

- Machine Learning with Python – IBM-Coursera (In Progress, 2026)
- 100 Days of Code – The Complete Python Pro Bootcamp – Udemy (February, 2025)
- Certified Data Science Practitioner – JTech Solutions, Multan, Pakistan (8-Month Program, Completed on September 22, 2024, Certificate No: DS-9-02)
- Freelancing Training – DigiSkills Training Program (Batch 08), Certificate ID: AP9298WPQ