



Shahmeer Mateen Khan

Electrical Engineer

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Electrical Engineering student at Namal University with skills in networking, hardware diagnostics, and circuit design. Certified in Python and C++, passionate about applying knowledge to real world projects.

EDUCATION

BS Electrical Engineering

Namal University Mianwali
CGPA 2.98/4.00

Courses

- Computer Programming(OOP)
- Embedded Systems
- Digital Image Processing
- Data Structures and Algorithms
- Machine Learning
- Digital Signal Processing

PERSONAL PROJECTS

Anti-Cheating Surveillance System | FYP

Team Project

This AI-powered system uses a dual-camera setup and a CNN-LSTM architecture to detect suspicious exam behaviors like peeking or phone usage. Optimized for edge computing, it alerts invigilators via dashboard while automatically archiving video evidence to ensure academic integrity

Automated Solar System for Household

Lead

Designed a fully automated solar energy management system integrating sensor-based monitoring, DC-AC power conversion, MPPT energy harvesting concepts, and real-time embedded control logic for dynamic load switching and battery state management

Crop Recommendation System— AI Applied to Engineering

Lead

Trained a multi-class ML classification model integrating sensor and environmental data; demonstrated cross-disciplinary application of AI techniques to engineering decision-making pipelines

WORK EXPERIENCE

Vice President

Namal Media Club

• Led cross-functional team; managed content strategy, event planning, and organizational operations

Oct 2025 - Present | Mianwali

Android Developer Intern

UISoft Solutions

• Contributed to industry-level Android application development through the full software development lifecycle

Aug 2025 - Sep 2025 | Lahore

SKILLS

C++ Teamwork Project Management Python

Arduino IDE Verilog

Problem Solving and Analytical Skills

Communication and Networking MATLAB/Simulink

Event Management Image Processing

ACHIEVEMENTS

Runner Up in Robotics Competition in Namal University Mianwali

Namal University Mianwali

CERTIFICATES

Advanced Learning Algorithms

Deep Learning.AI

Computer Vision & Image Processing

IBM

Computer Vision: YOLO Custom Object Detection with Colab GPU

Packt

Build Intelligent Agents Using DeepSeek & N8N

Board Infinity

LANGUAGES

English

Full Professional Proficiency

Urdu

Full Professional Proficiency

Saraiki

Full Professional Proficiency

INTERESTS

Reading Gen AI Gaming Artificial Intelligence N8N

Machine Learning Data Science