MUHAMMAD MAKKI

Electrical Engineer (2021-2025)

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Multan ,Punjab , Pakistan

SUMMARY

Final-year Electrical Engineering student with strong hands-on experience in machine learning, computer vision, digital image processing, and AI-driven system design. Proficient in Python, MATLAB with a proven track record of developing and optimizing real-time AI models. Driven by a passion for creative problem-solving and the transformative potential of AI, with a focus on research and intelligent system development.

EDUCATION

Namal University Mianwali, Pakistan
Bachelor's Degree in Electrical Engineering (2021– 2025)

Admire College, Multan
Intermediate(2019-2021)

Aziz Public School,Budhla sant Multan
Matriculation (2017-2019)

SKILLS

- Communication Skills
- Verilog
- C/C++
- Python
- AutoCAD
- ETAP
- MATLAB
- Content Writing
- Management Skills

PERSONEL PROJECTS

- Line Following Robot Using Python
- ALU Design (09/2022 - 02/2023)
- Library Management system Through C++
- Robotic Car Design through Embedded system(C language) (06/2023 - 07/2023)
- DC Motor Speed Control
- Echo Cancellation using MATLAB
- PSK Modulation using GNU Radio (Communication Systems)
- AI and Real image Detection(01/2025-02/2025
- Noise Estimation in Images(01/2025 - 02/2025)

Final Year Project

Automated Evaluation (Context Based) of Handwritten Assessment
I

- Designed an AI-based system to aid grading of handwritten assessments, reducing fatigue and bias.
- Utilized OCR for precise extraction of handwritten text and mathematical notations.
- Applied Transformer-based NLP models to compare student answers with predefined solutions.
- Developed a similarity scoring method to enhance grading consistency and efficiency.

CERTIFICATES

- Namal Tech Expo 2024 (05/2024)
  Robotic Competition
- Python Programming (04/2025)
  Course offered by Great Learning
- IEEE (12/2021 - 2/2022)

WORK EXPERIENCE

- Vice President Blood Wing (07/2023 - 05/2024)
  NSSI

LANGUAGES

- English
- Urdu
- Saraiki
- Punjabi