

MUHAMMAD HABIB IQBAL

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PROFESSIONAL SUMMARY

Detail-oriented and hardworking Electrical Engineer specialized in Control Systems and Automation. Having a solid foundation in problem-solving, system design, and project management, I want to pursue IT and Computer field with a focus on machine learning and artificial intelligence, data analysis, and system automation. I have acquired skills in programming and software tools through hands-on projects.

SKILLS

- Python Pandas and NumPy
- SCADA and PLC
- Visualization Tools like Matplotlib
- C and Python Programming Language
- Microsoft Azure and Web Scrapping
- MATLAB and SimuLink Modelling

WORK HISTORY

Trainee Electrical Engineer

06/2022 – 08/2022

National Transmission and Despatch Company Limited (NTDCL) - Faisalabad, Punjab

- Identified opportunities for cost savings through improved efficiency or alternative energy sources.
- Used AutoCAD skills to develop single line diagrams for electrical power distribution networks.
- Monitored transmission performance, responding quickly to faults for minimised power disruption.
- Completed preventive and emergency maintenance across power systems, networks, and equipment.

EDUCATION

Bachelor of Science (B.Sc.) : Electrical Engineering

09/2019 – 09/2023

University of Engineering and Technology (UET), Lahore, Punjab

- Graduated with Distinction (Silver Medal)
- CGPA : 3.587/4.00
- Final Year Project (FYP) : Developed a Control System that Regulates the Temperature of PV Cells by the use of Raspberry Pi Microcontroller and ESP32 Module to Achieve Maximum Wattage and Efficiency

Intermediate (HSSC) : Pre-Engineering

08/2017 – 04/2019

Shiblee College of Commerce and Science, Faisalabad, Punjab

- Grade : A+

Matriculation (SSC) : Science

08/2015 – 07/2017

The Educators Prime Campus, Faisalabad, Punjab

- Grade : A

COURSES

- “Machine Learning and Artificial Intelligence” Course from Microsoft.
- “AI for Everyone” Course from Coursera.
- “Introduction to Computing (ITC)” Course from Coursera.
- “Programming Fundamentals” Course from Coursera.

LANGUAGES

- Urdu
Native
- English
Fluent