

Momin Adnan

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PROFILE

Ambitious and technical-minded electrical engineering graduate, with hands-on experience in troubleshooting and resolving electrical problems. Highly motivated to contribute in challenging projects. Seeking a position that provides an opportunity to grow.

EDUCATION

Bachelors - Electrical Engineering Sep 2020 – Jun 2024
National University of Sciences and Technology (NUST)

CERTIFICATIONS

Operations Management (Coursera)
Advanced Manufacturing Process Analysis (Coursera)

TECHNICAL SKILLS

Machine Learning
Digital Systems
Renewable Energy Technologies
Power System Analysis
Power Electronics

EXPERIENCE

Artificial Intelligence and Machine Learning (Internship Project) Jul 2023 – Sep 2023
Implementation of Machine Learning Algorithms for Real-Time Data Processing on FPGA at R&D Military College of Signals, NUST

PROJECTS

Smart EV Charging Station (FYP) Aug 2023 – Jun 2024
Power Electronics
Design and development of a smart solar-powered EV Charging System to ensure uninterrupted charging

Data Classification using SVM, Random Forest and Neural Networks Dec 2023 - Jan 2024
Machine Learning
Implemented multiple algorithms to classify data and make predictions

Intelligent Speed Control of DC Motor May 2023 - Jun 2023
Linear Control Systems
Software and hardware implementation for precise motor control

Dual Tone Multi Frequency Coding System May 2022 - Jun 2022
Communications Systems
DTMF Coding encodes audio frequencies into their respective digital representations using techniques such as frequency detection and Fourier analysis so the digital signals can be then transmitted over various communication channels