

Huzaifa Ahmed Khan *Electrical Engineering Student*

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📍 C-1606, Noman Residencia, Gulzar-E-Hijri, Scheme #33, Karachi East

🌐 Huzaifa Khan

Profile

An Electrical Engineering student craving the opportunity to blend electrical principles with advanced programming abilities and is looking for an opportunity to explore and contribute to innovative projects.

Education

NED University of Engineering & Technology

BE Electrical Engineering

2020 – 2024 | Karachi, Pakistan

New Fazaia Intermediate College, Shahrah-e-Faisal

Pre-Engineering (Intermediate)

2018 – 2020 | Karachi, Pakistan

Projects

Final Year Design Project

Design & Implementation of a Robotic Arm for Automated Refueling of Vehicles

On-going

Designing of a GUI Matlab program for calculating Inductance, Capacitance of any given Transmission Line

January 2023

Digital Function Generator Using AD9833 & ATMEGA328P

2022

Courses

Professional Web Engineering

NED Academy

September 2023 | Karachi, Pakistan

Solar Energy and Electrical System Design

Coursera | University of Buffalo

May 2023

Professional Experience

Mustaqim Dyeing and Printing Industries (Pvt.) Ltd.

Electrical Internee

March 2023 – April 2023 | Karachi, Pakistan

Acquired an extensive understanding of switchgear operation, powerhouse operations, and equipment maintenance, with a focus on protective relays, machinery electrical panels, and generators.

Siemens

1-day Industrial Visit

December 2023 | Karachi, Pakistan

Overview of switchgear manufacturing facility.

Karimi Electromech Systems

3-day Industrial Visit

February 2023

Gained in-depth knowledge of the manufacturing of LV switchgears.

Certificates

Introduction to Microgrids and Associated Standards (IEEE-1547 and IEEE-2030.7)

Nov 2023

Introduction and Application of IEC-61850 Standard

Nov 2023

Asset Management and Applied Electrical Engineering

Nov 2023

Softwares & Skills

MS Office

Matlab / Matlab Simulink

AutoCAD

ETAP

SolidWorks

Arduino

C++ Programming

Basic Python Programming

Technical Writing