



Muqadas Farooq

Electrical Engineering

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As an electrical engineer, I thrive on creating innovative solutions and harnessing the power of electricity to shape the world around us. Join me on this exciting journey where we can design cutting-edge technology, solve complex challenges, and pave the way for a brighter and more connected future.

EDUCATION

Study Program Namal Institute Mianwali

08/2019 - Present

3.39

Courses

- Signal and Systems
- Data Structure And Algorithms
- Machine Learning
- embedded Systems
- VLSI
- Digital Logic Design
- Linear Algebra
- Digital Signal Processing
- control Systems
- Computer Architecture

WORK EXPERIENCE

Teaching Assistant Namal Institute Mianwali

08/2021 - 01/2023

Pakistan

Shaping those who shape future

Achievements/Tasks

- Assisting Professor in grading the assessments
- Maintaining the folder for future records
- Arranging the tutorials for solving the problems and addressing the queries

Contact : Dr. Israr Ali Khan - israr.khan@namal.edu.pk

Co-Team lead Intern

07/2022 - 08/2022

Pakistan

ZIMCO International Corporation

Achievements/Tasks

- I had learned about the designing of Electrical Panels .
- I gained knowledge of the Electrical Generation, Transmission and Distribution briefly.

Contact : Fahad Qadeer -
<https://www.linkedin.com/in/fahadqadeer-phoenixcontactpakistan/>

SKILLS

Python

Circuit Analysis

Verilog

IOT

Machine Learning

Matlab

AUTOCAD

Embedded Systems

RP Pico

FINAL YEAR PROJECT

Solar Panel Cleaning Robot with Efficiency Monitoring System (10/2022 - Present)

- In this project We designed system that monitor the solar panel performance and and alert the iuis3err when panel requires cleaning. Our project includes the Robot designing that will clean the solar panel.

CERTIFICATES

IC Chip Designing (07/2022 - 09/2022)

I learned the missing Semester that help to learn the basic of Linux. I also learn about the basics of Verilog and write the code using EDA playground.

LANGUAGES

English
Full Professional Proficiency

Urdu
Professional Working
Proficiency

INTERESTS

Handicrafts

Coding

Exploring New Tools