

I'm a highly inspired electrical engineering student that has an interest for coming up with creative solutions to challenging situations. I'm now pursuing a Bachelor's Degree in Electrical Engineering, and via my courses and projects, I've learned a lot.

EDUCATION

BS Electrical Engineering

Namal University Mianwali , Pakistan

11/2021 - Present

Major Courses

- Computer Architecture , Digital Logic Design
- IoT , Database Engineering
- Embedded System
- Quantitative and computation Reasoning
- Power Engineering , Power Electronics
- Data Structure and Alogrithm
- Signal and system , Control System
- Machine Learning
- Wireless Communication , Communication System
- Entrepreneurship , Management

Matric and Intermediate

Daanish School Girls Harnoli Mianwali

05/2016 - 06/2021

Pre -Engineering

SEMESTER PROJECTS

RISC-V Micro Architecture of Single Cycle Processor

Diabetic Retinopathy Classification Using ML

Line Following Robot Using Python (02/2024)

ALU Design (09/2022 - 02/2023)

Library Management system Through C++

Library Catalog System through Python

Robotic Car Design through Embedded system(C language)

DC Motor Speed Control

Echo Cancellation using MATLAB

Hostel Management System Database

WORK EXPERIENCE

Internship at RWR

Re-engineering With Research

09/2023 - 10/2023

Islamabad ,Pakistan

President Of Namal Environmental Club

Workplace/Company

12/2023 - 11/2024

Work Study

Library of Namal University

01/2024 - Present

SKILLS

Communication Skills

Verilog

C/C++

Python

MySQL

AutoCAD

ETAP

MATLAB

Content Writing

Management Skills

MS office

Proteus

Linux

Processor Design

FYP

Sign Language Recognition Using Accelerometer and Deep Learning (09/2024 - Present)

ASL , Jetson Nano , MPU6050 (Sensor), TCA9854A (Mux),CNN

CERTIFICATES

Namal Tech Expo 2024

Robotics Competition

Inter University Business Idea Competition under 200k

AI innoFest 2024 Bahria University Islamabad(CoE-AI)

Bahria University Islamabad(CoE-AI)

Soft Skill Development Program

Organized by PEEF at Namal University Mianwali

Summer School CAID Namal University (2024)

Internship Certificate from RWR

Abstract Writing at IEEE

Student Branch at Namal University

LANGUAGES

English

Full Professional Proficiency

Urdu

Full Professional Proficiency

INTERESTS

Reading

Programmimg

Circuits

Badminton

Project Management