

MUHAMMAD ABD UR REHMAN

Electrical and Electronics Engineer

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EXPERIENCE

Lab Engineer

FAST NUCES

August 2024 – Present Islamabad, Pakistan

- Teaching different courses labs to bachelor students
- Also in charge of checking student lab manuals and make them better in lab work so they can perform both hardware and software tasks with full confident

Teacher Assistant

FAST NUCES

Jan 2023 – June 2024 Islamabad, Pakistan

- Teacher Assistant in the three courses EE-2011 Probability, Random Process, MT-1006 Differential Equations and EE-3005 Electromagnetic Theory in the Electrical Engineering degree
- Graded the Assignments and Quizzes and provided feedback to students

President of Robotics Club

Beaconhose Educational Complex

Oct 2018 – Apr 2019 Islamabad, Pakistan

- President of Robotics Club in the Ace Level Program initiated in A-levels
- Led the club with establishing goals, coordinating activities and ensured that club operated smoothly with organizing different events

Internship

National Electronic Complex of Pakistan

July 2023 – Aug 2023 Islamabad, Pakistan

- Did Internship in the Electronic testing department
- Learned about types of electronic testing on logic circuits
- Prepared a report on different tests performed on ICs.

PROJECTS

4-way traffic signal

FAST NUCES

Oct 2019 – Nov 2019 Islamabad, Pakistan

Solo Project. The project was using ARDUINO, breadboard, and simple electrical components that were LED and resistors. This project was simply to gain an understanding of ARDUINO and how to work with it.

Temperature Controlled DC Fan

FAST NUCES

Nov 2022 – Dec 2022 Islamabad, Pakistan

Group Project. Regulated the speed of DC fan based on the surrounding temperature Also generated a full report including code, block diagram and working. Moreover, also implemented the project on Proteus software.

CAREER OBJECTIVE

"To create, develop, and put into use cutting-edge, effective electronic systems and products that satisfy consumer needs while keeping abreast of the most recent technological developments."

MOST PROUD OF



Award

2023 - CGPA of 3.60 achieved in the semester award



Career Growth

Progressive experience of working in the electronics field

STRENGTHS

Smart-working

Persuasive

Motivator & Leader

Pure Mathematics

Circuit Analysis

SKILLS

MATLAB

Proteus

Poetry Writing

MS suite

ARDUINO

TinkerCAD

Verilog

C++

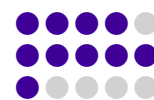
Cadence

LANGUAGES

English

Urdu

Turkish



EDUCATION

BS Electrical Engineering

National University of Computer and Emerging Sciences

2019 – Present Islamabad, Pakistan

A Levels

Beaconhouse Educational Complex

2017 – 2019 Islamabad, Pakistan