



Muhammad Waseem Abbas

Electrical Engineer

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With my expertise in circuit design, power systems, and electronics, I have the power to revolutionize the way we live and work. I can join the exciting and dynamic field of electrical engineering and discover endless opportunities for growth and innovation. My skills and passion can make a lasting impact as I tackle the challenges of the modern world.

EDUCATION

Electrical Engineering

Namal University Mianwali

08/2019 - Present

3.56

Courses

- Basic Circuit Analysis
- Computer Architecture
- Control Systems
- Smart Grid
- Power Electronics
- Digital Logic Design
- Machine Learning
- Digital Signal Processing
- Internet of Things (IOT)
- Embedded Systems

WORK EXPERIENCE

Research Assistant

Namal Univeristy Mianwali

08/2021 - 09/2022

Pakistan

Namal Univeristy Mianwali.

Achievements/Tasks

- I collect, analyze, and interpret data.
- I create presentations and research reports.
- I collaborate with other researchers.
- I communicate with study participants and write papers.

Contact : Dr. Zia ur Rehman. - zia.rehman@namal.edu.pk.

Intern

Lalpir & Pakgen Power Limited

07/2022 - 08/2022

Pakistan

Enlighten the future through excellence, commitment, integrity and honesty

Achievements/Tasks

- My responsibilities as an intern at Lalpir Thermal Power Station involved observing and assisting the E&I department.
- I gained an understanding of the critical role the E&I department plays in the power plant's overall system.
- I worked with experienced professionals and assisted the technicians' team in conducting routine maintenance and troubleshooting activities.

Contact : Faisal Mahmood - faisal.mahmood@live.com

SKILLS

- Circuit Analysis
- Python
- c/c++
- Verilog
- Machine Learning
- IOT
- AUTOCAD
- Embedded System
- MicroControllers
- PCB Designer
- Matlab

UNDERGRADUATE PROJECTS

Final Year Project (10/2022 - 08/2023)

- We proposed to design a system that will monitor the solar panel performance and alert the user when the panel requires cleaning. Our project will also include designing a robot that will clean the solar panel.

ORGANIZATIONS

IEEE Namal Student Branch (08/2022 - 08/2023)

Vice President

CERTIFICATES

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

I learned Linux and Verilog during training, inspiring me to explore and improve my skills in new areas.

LANGUAGES

English

Full Professional Proficiency

Urdu

Professional Working Proficiency

INTERESTS

- Technology and Innovation
- IOT
- RTL
- Games
- Artificial Intelligence
- Electrical Tools