



# Tahir Asghar Ali

Electrical Engineer

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I am a highly motivated and dedicated professional with a strong work ethic and a passion for excellence. With a solid foundation in Electrical Engineering, Programming and Machine learning, I possess a unique blend of skills that enable me to develop innovative solutions to complex engineering problems. With a strong foundation in circuits, control systems, machine learning coupled with an interest in programming and software development, I approach challenges with a creative and analytical mindset. 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

- Bachelor of Electrical Engineering**  
Namal University Mianwali  
09/2020 - 10/2024 8th Semester

## WORK EXPERIENCE

- Teacher Assistant**  
Namal University Mianwali  
09/2021 - Present  
Conducted tutorials/makeup classes & assisted in conducting Problem Solving sessions with the class size of 40, effectively communicated with students in developing their understanding of problem solving, answered the technical queries, maintained the attendance record, and all the students' academic records of their assignments, Quizzes etc.
- Customer Support Executive**  
Spectrum  
06/2022 - 07/2022 Lahore  
Main skillsets that I can polish there were Technical Support, Microsoft Office, Customer Service, English, Communication skills, Team Management
- ByteWise Fellowship**  
ByteWise Limited Company/ Internship  
03/2023 - 06/2023 Islamabad - Remote  
Major Focus on to learn the new skills. Major skills including HTML, Cascading Style Sheets (CSS), HTML5, JavaScript, Programming Languages, Web Development etc. I always have a passion for learning new skills and I am trying to focus on these too.
- RTL Design Verification Trainee**  
10x Engineers / Internship  
07/2022 - 09/2022 Lahore - Remote  
I have done the training as RTL Design Verification Trainee with CESD Namal at 10x Engineers. I have learned a lot during my training period. I have explored the skills about the Linux Fundamentals & Verilog VHDL etc. I also have done the work on the Test Benches as well. It was a great learning experience towards my filed of interest in IC Chip Designing Industry.

## SKILLS

- C/C++
- Verilog VHDL
- Microsoft Office
- MATLAB
- Proteus
- OrCAD-Pspice
- Communication Skills
- Content Writing
- Embedded System
- Project Management

## PERSONAL PROJECTS

- i- Build an Energy Management Dashboard Using Siemens SCADA System with Phoenix Industry (Final Year Project)
- ii- Implementation of LAN Network of University using different topology techniques on CISCO Packet Tracer

## ORGANIZATIONS

- Pakistan Nuclear Society (PNS) (04/2023 - Present)  
Associate Member of PNS
- IEEE Namal Student Branch (06/2022 - Present)  
General Secretary

## CERTIFICATES

- Industrial Internet of Things (IIoT)  
Certificate of Participation for attending the Industrial Internet of things (IIoT) Workshop from IEEE Namal Student Branch
- IC Chip Designing Certificate (07/2022 - 09/2022)  
IC Chip Designing Workshop, basically inspire me to explore and improve my skills in new area of my interest.
- Certificate of Participation in International Leadership Summit 2022
- Associate Membership Certificate - Pakistan Nuclear Society (PNS) Islamabad (04/2023 - Present)  
working as a associate member with PNS from the month of April 2023.