

Ali Marjan



Department of Electronics
University of Peshawar, Peshawar, Pakistan
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Objectives

To become a good researcher in my field (1.5+years' experience). To work in learning and challenging environment, utilizing my skills and knowledge to be the best of my abilities and contribute positively to my personal growth as well as growth of the organization. Looking for a role where I have the opportunity to discuss my ideas and receive feedback while being mentored towards building my career. Looking to work in an organization that can provide a variety of opportunities that allow me to expand my skills and knowledge while working towards achieving the organizational goals.

Academic Qualification

□□□ BS in ELECTRONICS from University of Peshawar (2022)

Subjects Studied: Industrial Electronics, communication, Circuit Analysis, Basic Electronics, Linear Algebra and Differential Equation, Solid State Electronics, Digital Logic Design, computer-aided electronic design, Signal and System, Microcontroller, VLSI design

□□□ F. Sc Pre-Engineering (2018) BISE Peshawar

Subjects Studied: Mathematics, Chemistry, and Physics

□□□ Matric (Science 2016) BISE Peshawar

Subjects Studied: Biology, Chemistry, Physics and Mathematics

Research Interest

My interests are in Wireless Communication, Mobile Networking, Transmission, switching and sensing, Electromagnetic Field Wireless Positioning, Integrated Circuit Design, signal processing, Advanced optical signal processing, wireless communications and networking and Communication engineering.

Academic Projects

- Smart Gloves For mute people (*Final Year Project*)
- Interfacing of 8051 Microcontroller
- Design of Calculator using 8051 Microcontroller

- FM transmitter and receiver for 200 meters range
- Led chaser using 555 timer IC

Professional Experience

Electrical and electronics technician

Fine inverter and UPS center

March 2022 to June 2022

Location: bord bazaar near deans heights Peshawar

- Designing of different kind of ups from 1000 watt to 10000 watt.
- Designing different kind of battery charger.
- Troubleshooting in inverters.
- Solve every kind of problem in ups.

Electrical and civil engineer

June 2022 to October 2022

Location: warsak road Peshawar, palosi peeran Peshawar

- Designing the map for building.
- Oversee construction and maintenance of building structure and infrastructure.
- Installing different kind of wires, bulbs, and fan.
- Maintaining all electrical system.

Electrical and maintenance engineer

IRFAN and brother arms and ammunition company

November 2022 to December 2023

Location: small industry area kohat road Peshawar

- Design and integrate electrical system for manufacturing process.
- Implement automation solution to optimize production process, reduce down time and increase productivity.
- Provide technical support for maintenance.
- Assisting in troubleshooting and repairing automated system.
- Develop predictive maintenance strategies using sensors and data analysis to prevent unexpected down time.
- Generate report and provide insight to management for continuous process improvement and decision making.
- Ensure all automated system with industry standard and regulation and safety protocol.
- Implement safety feature and emergency shutdown system to protect both personal and equipment.
- Stay updated with the latest automated technology and trend in order to innovate and improve manufacturing processes.
- Train operator staff that how to use automated system.
- Create detail documentations including manual and schematics for all automated process and system.

RF and telecommunication engineer

LCC PAKISTAN

January 2024 to present

Location: Islamabad Pakistan

- I have Worked on PHU software in Zong ZTE project.
- Work as a DT Engineer with Huawei Zong project.
- I have experience on VOLTE testing.
- I also have experience on tems investigation.
- Work on Zong Rollout.
- I also have experience on Nemo.

Honors & Achievement

- Ehsas undergraduate scholarship: Awarded by KP Board of Higher Education commission, Government of Pakistan.

Trainings & Skills

- Completed English language course with A grade.
- Completed CIT course with A grade.
- Completed Initial Training with different social work (AID international, civilsociety, social handicap).

Extra-Curricular activities

- Work as a civil engineer in my own business.
- Work as a Supervisor in Traffic Survey (OD) in Peshawar.
- Work as an electrical engineer in different building.

Personal Data

Date of Birth february-10-1999

Nationality PAKISTANI

NIC 17301-5907162-3

Address near agricultural university, palosi peeran Peshawar.

References:

- † **Dr. Engr.Muhammad Asif (Assistant Professor)**
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- † **Dr. Sana-ul-Haq (Assistant Professor) PhD**
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