

Uman Ahmad

Electrical Engineer

I'm enthusiastic about stepping into the dynamic world of Electrical engineering. My solid educational foundation in engineering design and analysis equips me to tackle real-world challenges. I'm ready to bring my energy and adaptability to make an immediate impact in this field.

✉ uman6601@gmail.com

☎ +92(307)1643921

📍 Gujranwala, Pakistan

EDUCATION

Bachelor of Science Electrical Engineering

09/2019 - Present,

Courses

- Machine Learning
- Internet of Things
- Communication Systems
- Computer Architecture
- Digital Logic Design
- Embedded Systems
- Power Electronics
- Digital Signal Processing

Fsc. Pre Engineering

Punjab Group of Colleges, Gujranwala.

05/2017 - 04/2019,

Courses

- Physics
- Chemistry
- Mathematics

WORK EXPERIENCE

Internee at Solar Company Electraxon Engineering

04/2023 - 07/2023,

Gujranwala

Electraxon Engineering Pvt Ltd. Provides solar power services and renewable energy solution in Gujranwala.

Achievements/Tasks

- At Electraxon Engineering my job was to design the electrical wiring networks.

CNC Operator

Master Sanitary Fittings Industries Limited

05/2019 - 06/2019,

Gujranwala

[Master Sanitary Fittings Industries Limited is a very old company that manufactures and deals in a variety of sanitary fittings Products.](#)

Achievements/Tasks

- At Master industry my job was to operate the CNC machine and programme the basic functions of machine in the CNC department under the supervision of experienced engineers.

SKILLS

MATLAB

AutoCAD

C, C++

Python

PCB Designing

PSPICE

Proteus

Packet Tracer

Project Management

Communication

Troubleshooting

Adaptability

PERSONAL PROJECTS

Smart ChatBot

- After taking the machine Learning course, I made an intelligent RAG based chatbot for my university website to facilitate students regarding admissions and other university related information.

Network system of university labs using CISCO P.Tracer

- Internet connections were made using two routers, switches and hubs for intra lab connection at Namal University Mianwali.

Smart Foot Weight Analytics for Health Diagnosis(FYP)

- It is an intelligent system, designed using FSR pressure sensors. Machine learning algorithms and statistical analysis techniques are utilized to understand the pressure distribution on different parts of the foot and diagnose the health status.

ACHIEVEMENTS

Startup Idea Competition under 200k

I secured the 1st position in inter university competition of Startup idea under 200k hosted at NAMAL University Mianwali.

Prime Minister Laptop

I got the laptop from the Punjab board under the Prime Minister Laptop scheme for best results in matriculation level.

Merit-based Scholarship

I got the Merit based scholarship from Punjab Group of Colleges.

PEEF Scholarship

I got the PEEF scholarship for best results in my High school.

LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

INTERESTS

Tech & Automation

Video Editing

Travelling