

# Sana Fatima

## Electrical Engineer

As an ambitious and detail-oriented electrical engineering student, I am eager to leverage my academic achievements and practical experience to contribute to the success of an innovative organization. With a passion for problem-solving and a commitment to excellence, I am confident in my ability to excel in any role within the field of electrical engineering.

✉ sanafatima.engineer@gmail.com

## EDUCATION

### Bachelor

Namal University Mianwali

09/2019 - 07/2023

GPA = 3.72

#### Courses

- Computer Architecture ,VLSI ,IOT(Internet of Things) , Probability Power Electronic

## SKILLS

Software skills: Proficient in Computer Programming Languages: C, C++, C#. Experience with different software including Verilog, Matlab, Proteus, Cisco Packet Tracer, ModelSim. Competent user of PowerPoint and Microsoft Word.

Interpersonal Skills: Public Speaking, Teamwork, Time management, Verbal and written communication, Leadership qualities, Problem Solving, Adaptability.

## WORK EXPERIENCE

### Intern

Zimco International Corporation

06/2022 - 08/2022

#### Achievements/Tasks

- Handpicked from over 100 applicants to be one of 15 girls to gain professional training in C# / ASP .NET in collaboration with Pakistan's oldest accounting firm- Horwath and Crowe.
- Learned how to use and operate various types of electrical machinery, such as circuit breakers, relays, and transformers.
- Created my own distribution boxes through a circuit breaker, main disconnect, grounding, wiring connection, labels and marking, voltage rating, ampere rating, and surge protection.
- Presented a final deliverable to Zimco management on single phase panel, 3 phase dp, motor connections, details regarding our panels, cost estimation, and quotation of the components used in all of these.

### Trainee

HCC Technology Foundation

01/2023 - 04/2023

#### Achievements/Tasks

- Utilized advanced knowledge of C# and expertise in Object Oriented Programming (OOP), Collections, and Tuples to design and develop a web game.
- Gained enhanced technical proficiency through mastering Theme Rendering techniques with HTML.
- Completed a rigorous 3-month soft skills course, gaining critical communication skills
- Developed key competencies including public speaking, conflict resolution, and time management

## PERSONAL PROJECTS

### Digitization of Urdu Text

- Doing FYP on Digitization of Urdu text using Machine Learning algorithms and image processing techniques

### Network Structure

- Designed Network Structure of Namal University on Packet Tracer

### Correlation of Signals

- Find the correlation of the signal using matlab.

### Boost Converter

- Designed the boost converter (boost the 5V up to 10 V).

## ORGANIZATIONS

Namal Society for Social Impact (09/2019 - 02/2020)

Teacher

Namal WIE Society (09/2021 - 11/2021)

Content Writer

## CERTIFICATES

Emergency Preparedness and Response\_Certificate

PSHAA\_2021\_Course Certificate - PSHAA 2021

## LANGUAGES

Urdu

Native or Bilingual Proficiency

English

Full Professional Proficiency

Saraiki

Native or Bilingual Proficiency

## INTERESTS

Reading Fiction Books Travelling, Playing Indoor games