



# Muhammad Zaheer Akram

Electrical Engineer

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Mianwali, Pakistan

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A highly motivated Electrical Engineer with strong knowledge looking forward to building a strong professional carrier as an Electrical engineer motivated, productive, and a fun team player with strong communication, organizational and time management expertise.

## EDUCATION

### BS Electrical Engineering Namal University Mianwali

08/2019 - Present

Mianwali, Pakistan

Courses

- Computer Architecture
- Image Processing
- Power Electronics
- Machine Learning
- Internet of Things
- Embedded System

## WORK EXPERIENCE

### Intern

#### Agritech Limited, Iskanderabad

06/2022 - 07/2022

Mianwali, Pakistan

Formerly Pak-American Fertilizer Industry

Achievements/Tasks

- Adept in managing instrumental system at industrial level
- Proficient in power generation system & competent in generation via gas turbine & generators
- Experienced in cooling tower operation
- Skilled in optimizing system performance
- Comprehensive report of internship experience

Contact : Assistant General Manager - 0459 392346-50

### Trainee Engineer

#### 127kV Grid Station, Mianwali

07/2022 - 09/2022

Mianwali, Pakistan

Faisalabad Electric Supply Company (WAPDA) at 127kV Grid Station

Achievements/Tasks

- Practiced in backup power management for uninterrupted operations in case of faults detection
- Consummate cooling operation system of transformer
- Acknowledgment of earthing grid in substation using earthing mat
- Perceived functioning of International grid system of Pakistan

Contact : Executive Engineer - 0459-920191

## ORGANIZATIONS

### Namal Society for Skills Development (08/2020 - Present)

Marketing Director

## SKILLS

MS Office

Cisco Packet Tracer

Verilog

Machine Learning

MATLAB

AutoCAD

Interpersonal Skills

Presentational Skill

## UNDERGRADUATE PROJECTS

### ML Based Seed Classification Controlled & Sowing System (10/2022 - Present)

- Successfully implemented image processing & sorting of seeds
- Developed a robotics system for controlled sowing system in it

### Speech Recognition using MFCCs & Algo in Python (11/2022 - 01/2023)

- Skilled in Linear Regression, Deep Learning and CNN in Python

### Designed a Microprocessor using RISC-V Technology (10/2022 - 01/2023)

- Designed RISC-V ISA of a Microprocessor, Assembled & Pipelined via Verilog

### Computer Networking (10/2021 - 12/2021)

- Designed the computer communication network of Namal

## CERTIFICATES

NTU INTERLOOP APBPC.2 (03/2023 - Present)

Intern in AGL, Iskanderabad (07/2022 - Present)

## ACHIEVEMENTS

Elected for Laptop in Chief Minister Scheme (2017)

Fully Funded Scholarship in NAMAL (2019 - Present)

## LANGUAGES

English  
Full Professional Proficiency

Urdu  
Native or Bilingual Proficiency

## INTERESTS

Horticulture

Teaching

Plastic Wallyball.