

# UMAIR NAEEM

A creative soul and startup lover.

📞 03325713622

✉️ K132504@nu.edu.pk

📍 karachi pakistan

## EXPERIENCE

### Internee Engineer

#### Neelum Jhelum HydroElectric Project (NJHEP)

📅 July 2016 - Aug 2016 📍 Muzaffarabad

The Neelum-Jhelum Project is one of the major projects planned by the government of Pakistan to enhance its hydro power development to meet the growing energy needs of the country.

- Visited the 28.5-kilometer-long headrace tunnel and the turbines installed made by chinese engineers.
- Learned about the spill way, hydropower generation and future distribution plans.

### Internee Engineer

#### PAKISTAN ORDNANCE FACTORIES

📅 July 2016 - Aug 2016 📍 Wah cantt Pakistan

🌐 [www.pof.gov.pk](http://www.pof.gov.pk)

Pakistan Ordnance Factories is country's premier defence production organization.

- Visited the services groups (Telecom department, power house, Electrical Distribution, Instrumentation department)
- Visited the SAA FY. (Small Arm Armaments)

## VOLUNTEER

### Served as an Event Manager

#### THINK N CREATE

📅 Aug 2014 - July 2017

- One of the most anticipated society of FAST regarding the field of electrical and electronics engineering.

### Served as General Secretary

#### Character Building Society

📅 Jan 2016 - July 2017

- CBS helps students improve themselves by showing a better character. Enabling students to know and act on their responsibilities in different life roles.

### Event Administrator

#### IEEE-FAST NUCES BRANCH

📅 2016 - 2017

## EDUCATION

### BS (Electrical Engineering)

#### National University of Emerging and computer sciences (NUCES FAST)

📅 Aug 2013 - June 2017

GPA

3.44 / 4.00

### INTERMEDIATE (Pre-Engineering)

#### Government Degree Model Science College Muzaffarabad (AJK).

📅 June 2011 - July 2013

GPA

876 / 1100

### MATRICULATION

#### Pyramids international school, Muzaffarabad (AJK).

📅 2000 - 2011

GPA

904 / 1050

## ACHIEVEMENTS



### PRIME-MINISTER ICT SCHOLARSHIP

Fully funded scholarship for my graduation.



### Courage I had

To take a sinking ship and try to make it float.



### Received certificates of distinction

Soldering, Circuit designing & Networking Competition.

## PROJECTS

### Photovoltaic Solar Power Generation with Maximum Power Point Tracking

MPPT is a smart charger, this system boosts power of solar panels which gives fast charging of battery.

- Increased the efficiency of solar system upto 93%.
- Reducing the maintenance and installation costs up to 50%.

### HYRDAL GENEREATOR

Made Prototype of the Hydropower Plant which can generates 80 watts.

- It is useful in small, remote communities that require only a small amount of electricity – for example, to power one or two fluorescent light bulbs or radio.

### BLUETOOTH CONTROLLED SURVEILLANCE VEHICLE

Bluetooth controlled car is controlled by using Android mobile

- Android phone is used as transmitting device.
- Bluetooth module placed in car is used as receiver.
- Android phone will transmit command using its in-built Bluetooth to car so that it can move in the required direction.

### Android Based Home Automation System

Controlling home appliances remotely.

- Automatically turn lights on remotely at a set time or when it gets dark.
- Controlling motors and fans through smartphone via bluetooth.

### GSM based Substation Monitoring and Control System

## PERSONAL INFORMATION

-Present Address: Plot C-13, Nuces Fast boys Hostel, F.b Area Block 4, Karimabad, Karachi

-Permanent Address: Naeem house, Ward No.18, Mohala Chealah, Muzaffarabad.

CNIC Number: 82203-2305528-3

D.O.B: 28-12-1994

Domicile: Azad Kashmir.

Marital status: Single

## I SPEAK

Urdu

Native

English

Advanced

## STRENGTHS

 Hardworking

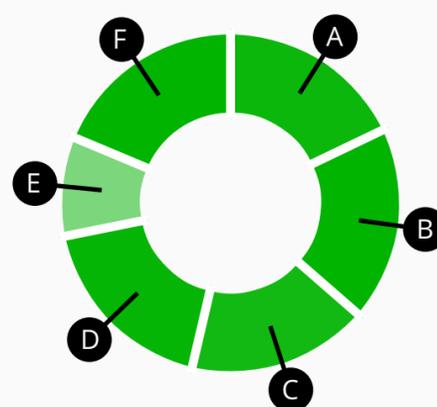
 Persuasive

 Motivator and Leader

 Event Planner & Management skills

 Problem-solving and result orientated

## TECHNICAL SKILLS



**A** Matlab

**B** C++ ,Arduino interfacing and Machine Language

**C** PCB routing and PLC interfacing

**D** MS Office

**E** Labview, Pspice

**F** Troubleshooting Computer Issues.