

# Yousuf Mahtab

## Electrical Engineer

To obtain a challenging position in an engineering company where my innovative ideas, technical skills and creativity will add value to the organizational operations.

yousuf.mahtab17@gmail.com ✉

+92-03463181214 📞

Karachi, Pakistan 📍

linkedin.com/in/yousuf17 in

quora.com/profile/Yousuf-Mahtab Q

yousuf.mahtab17\_1 S

## WORK EXPERIENCE

### Power Systems Engineer AllumiaX LLC

02/2018 – Present

Karachi, Pakistan

Registered in (Seattle, Washington USA)

#### Achievements/Tasks

- Responsible for Model low and medium voltage electrical distribution facilities in ETAP Electrical software.
- Perform short-circuit studies and equipment evaluation for industrial and commercial facilities.
- Model and coordinate (including selective coordination) low & medium voltage protective devices (breakers, fuses, etc) for industrial and commercial facilities.
- Perform Arc Flash Hazard Analysis and recommend ways to reduce incident energy at an electrical point in industrial and commercial facilities.
- Analyze power quality data and recommend way to improve power quality.
- Support Team members with Power System Engineering Analysis, Transient Analysis, Short circuit calculations and Arc Flash calculations.

Contact: Abdur Rehman (P.E.) – +1 206 859 3446

### Sales & Support Executive Forcegrowth

07/2017 – 01/2018

Karachi, Pakistan

Registered in Dubai, U.A.E

Contact: Syed Faris Hussain (Co-Founder) – +92-03333075801

## EDUCATION

### B.E. (Electrical Engineering) NUST University

07/2013 – 06/2017

Karachi, Pakistan - 3.60 CGPA

#### Final Year Project

- Design & fabrication of Bi-directional converter using MMC topology that is suitable for HVDC applications.

### Intermediate Education (HSC Pre-Engineering)

Adamjee Govt. Science College

03/2011 – 05/2013

Karachi, Pakistan - 86%

### Matric Education (SSC Science Group) Programmer Secondary School

01/2010 – 03/2011

Karachi, Pakistan - 90%

## SKILLS

ETAP

MS-Office

Multisim

Power Systems

Adobe Photoshop

Project Management

SEO (Search Engine Optimization)

Video Editing

Complex Problem Solving Skills

Digital Marketing

## PROJECTS

Power Systems Studies of different facilities in USA on ETAP software (05/2018 – Present)

Standard Electrical wiring diagram of a single-story House on Multisim Software. (05/2016 – 06/2016)

Mini Project - Fire alarm circuitry using temperature sensor (TMP-36)

## ACHIEVEMENTS

Stipend: Financial Aid for Academics  
(09/2013 – 06/2017)

I received 50% stipend on tuition fees during my 4 years Bachelors Programme at (NUST University).

Recipient: Academic Merit Scholarship  
(09/2013 – 06/2017)

I received Merit Scholarship Check in every semester for securing >3.5 GPA throughout my whole Bachelors Programme at (NUST University).

## LANGUAGES

English



Urdu



## INTERESTS

In spare time, I enjoy the outdoors, watching movies & TV seasons, hangout with friends and stay active with cycling and Cricket.

I also enjoy reading online articles and surfing the internet to stay up-to-date with current trends and development in my field of interest.