

## PERSONAL INFORMATION Engr. Asad Waheed



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## WORK EXPERIENCE

### 01/08/2017–07/09/2017 Internee Engineer

Pakistan Telecommunications Ltd., Karachi (Pakistan)

- Performed tasks on Network Transformation Project
- Conversion of Copper to Optical Fiber
- Performed Tasks on Splitter Designing
- Worked on MSAGs & DCs

### 30/01/2018–Present Site Engineer

Mubarak Enterprises Pvt., Rawalpindi (Pakistan)

- Worked on Solar panel Calculations and installation requirements
- Maintenance of Generators and Electrical Equipment on Site

## EDUCATION AND TRAINING

### 04/09/2013–25/08/2017 BE Electrical Engineering ( Electronics)

Bahria University,

Karachi (Pakistan)

Final Year Project

- Autonomous Fire Fighting Robot With Live Streaming

Semester Project

- 12-24 volts Variable DC Power Supply
- Dual Tone Multi-Frequency Encoder and Decoder
- Steganography – Cryptographic Technique.
- Implementation of Star and Delta Connections

**Organisational / managerial skills** Excellent Team Leading Skills gained as Team Leader of Final Year Project.

**Job-related skills** Good Command on Electrical  
Circuits Designing proficient  
in Solar panel requirement  
calculation Electrical  
equipment maintenance

## **ADDITIONAL INFORMATION**

**Honours and awards** Distinction in Final year Project (4.00/4.00 GPA)

**Publications** Research Paper presented in Institution Of Electrical & Electronics Engineers Pakistan (IEEEP) 33rd Seminar held at Mehran University of Engineering and Technology.  
Project : Autonomous Fire Fighting Robot Using Live Streaming for IEEE conferences. Reference will be provided on request.

**Software Skills**

- MS Office
- MATLAB
- Siemens – Series PLC Trainer
- Proteus/Multisim
- C++/Assembly language
- Verilog Programming
- Cisco Packet Tracer
- Python Programming

**Certifications**

- Registered Engineer from Pakistan Engineering Council.
- Participated in GEEKS '17 Electrical Engineering Department
- Participated in Momentum '17 help at Expo Center Karachi
- Participated in KITTC Social Awareness
- Participated in 33<sup>rd</sup> IEEEP '18 seminar for paper presentation