M. Abdul Hannan

BS Electrical Engineering
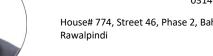
Objective: To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

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Rawalpindi

Education

2014 - 2018

BS Electrical Engineering

Capital University of Science and Technology, Islamabad

2012 - 2014

Fsc (Pre-Engineering)

Fauji Foundation College for Boys, Rawalpindi

2010 - 2012

Matriculation

Fauji Foundation College for Boys, Rawalpindi

Final Year Project

Designing of wiring, protection and backup of industry

This Project is about designing layouts of a building using autoCAD which has different heavy loads. Loads have different ratings so their wire sizing and protection is designed according to load. Wiring layout is made using See Electrical building software and protection scheme is designed using Ecodial software.

Semester Projects

Controlling RPM using PID over IOT

In this project motor speed is controlled. By reading rpm and implementing PID controller rpm can be changed. For IOT implementation surilli wifi board is used and rpm is controlled through android phone.

Rescue robot

This project is about the robot which locates itself in an arena and then takes object out of danger zone and put them in safe zone.

Transmission line fault analysis of 7 bus system

This project is done using power world simulator. Different types of fault are generated and behavior of voltage and current is observed. On the basis of observations circuit breakers are designed to protect the system against faults.

Skills & Competencies

- Arduino, ETap, Power world simulator, Power System Simulator, See Electrical Building
- C/C++, Verilog, MATLAB, Assembly Programming
- MS Visual Studio, ModelSim, Pspice, Proteus, Atmel Studio, Ecodial
- AutoCAD, MS Office

Work Experience

Freelancing

I am currently working as freelancer and can write good blogs.

Student Assistant   *09/2015 - 01/2016*

Capital University of Science and Technology
Worked as lab assistant in computer programming lab.

IEEE CSS General Secretary   *7/2016 - 07/2017*

IEEE CUST Student Branch
Worked as General secretary for CSS chapter. I have done reporting and other related work for all the events held under CSS chapter.

Event organizer

Organized many events in university some under IEEE and others at department level.

Crest   *7/2018 - 09/2018*

Worked on internship as a design engineer to create 2D and 3D architecture layouts and also designing its wiring. I also made circuit breaker schemes and designed the Electrical panel.

Achievements and Activities

Appreciation certificate

Got appreciation certificates from department on being a general secretary and on organizing events

Participated in Robotics Competition

Participated in Robotics Competition held at NUST