SYED UMAID AHMED

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Objectives:

The goal is to complete my masters along with PHD and obtain a leading position in technically sound organization where I can polish my technical skills and utilize my communication, analytical & organizational background.

Academics:

(2014-2018) B.E Electrical Engineering from NEDUET with 3.34 CGPA.
(2011-2013) H.S.C. (Pre-Engineering), Karachi Board from Govt. Adamjee Science College with A+Grade.
(2010-2011) S.S.C. (Science), Karachi Board from New Pearls Grammar School with 92.5 % marks.

Hardware & Projects:

A handsome grip on '**Arduino**' ,'**8051 Micro-controller & Beagle Bone Microprocessors**' with an efficient control on ***"Micro-computer Raspberry pi 3"*** Model B.

- ✓ Detecting power grid synchronization sensing bad voltage & frequency
- ✓ Laser trip wire detector with a twitter bot application
- ✓ Small scale solar & wind power plant.
- ✓ Programming Electrical Networks with C++
- ✓ 10 Node DC circuit analyzer
- ✓ Image Processing using OpenCV & Face Recognition
- ✓ Three phase fault identification and monitoring with protection scheme
- ✓ App and GUI development using Tkinter python and guizero
- ✓ Smart Traffic Signal with vehicle counter using image processing
- ✓ Raspberry Pi stream to RTMP or RTSP servers

Internships & Experiences:

I also worked as an internee for a month at "***EA Consulting Pvt.Ltd***" in designing sector of

MEP Department (Mechanical Electrical Plumbing)

I also worked in the execution department of "***Orient Energy Systems Pvt.Ltd***" for a month as an internee at the site (for installation of 132 KV line)

I've experience of working in electrical domain at "***Sawayra Foundation***" (registered in Houston, USA) for one year in the installation of Solar panels (in orphanages & hospitals at Pakistan).

Trained a lot of students at official course of "***Raspberry Pi***" at Industrial Manufacturing Department NED University and at consultant company of "Spectrum Engineering Solutions"

Programming & Software skills:

Having a grip on these software's in my studying period:

- MATLAB
- ETAP
- Multism
- Simulink
- **DiaLux**
- Proteus
- **Autocad**
- Microsoft Office
- Calculux
- LT spice
- C++, Python and Linux

Other Activities & Abilities:

I'm currently working as a **"*Director Social Affairs*"** at **Pakistan Council of Youth.**

A member of several welfare organizations throughout the country namely *"Green Society NED University"* & "*Karachi Youth Federation*".

Associated with project of promoting education in 'less-privileged areas' of the city and also running a free school of 150+ children affected from '*tsunami*' and other environmental hazards.

I've worked on lot of hardware projects that can be found on my github profile: https://github.com/SyedUmaidAhmed

A debater, motivator, columnist, social activist and an affective writer with nearly '*10 publications'* in religious and social sectors for the betterment of society and atmosphere.