

Awais Ehsan

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Personal Profile

Father's Name : Ehsan Ullah Zaheer
C.N.I.C : 37406-7576041-3
Date of Birth : 04/11/1992
Gender : Male
Domicile : Punjab
Nationality : Pakistani
Marital Status : Single
Religion : Muslim

Work Experience

[June,2018-Working]

[Trainee Engineer]

[LCC Pakistan]

Main duties performed:

- Working on Telenor Relocation Project.
- Coordinating and discussing clarifications with client for site issues.
- Designing and coordinating with client for complete surveys and design related to Telecom site relocation.
- Alarm monitoring on RAN (Radio Access Network).

[June,2016–Feb,2018]

[Trainee Engineer]

[PTCL]

[1.5 years]

Main duties performed:

- Switching, Data base creation/ modification for EWSD and MSAGs/ MSANs.
- Subscriber administration of EWSD and NGN Switches.
- Analysis and Rectification of issues related MSAGs and Power Plant.
- Hardware and Software Handling of EWSD and C5 NGN Exchanges.
- Operation and Maintenance of DG Sets, Rectifiers, AC units, Batteries.
- Working on Linux DOS.

[2014 – 2014]

[Intern]

[Radian Solution Pvt Limited]

Main duties performed:

- Hands-on experience with TIA (Totally Integrated Automation Software).
- Hands-on experience with SCADA systems
- Working on Micro Win cc.
- Hands on experience with STEP 7 V4.0 Micro WIN SP5 + PLC Simulator

Education

[2011-2015]	[BSc Electrical Engineering (Electronics)] [Federal Urdu University Islamabad]
Grade achieved:	[3.33 CGPA]
[2009 – 2011]	[FSC Pre Engineering] [F.G Science Degree College for Men Wah Cantt]
Grade achieved:	[62.5 %]
[2007 – 2009]	[Matric] [P.O.F Model High School Wah Cantt]
Grade achieved:	[76.9 %]

Skills

Technical:

- Competent with Proteus 7.6 ISIS, PCB designing in Proteus ARES, C\C++, MS Office Application(Microsoft Office, Excel, Power point).
- Good in all types of computer hardware and software installations including all windows installations (Windows 7 , windows 8)
- Ability to quickly analysed a problem and develop an effective response.
- MATLAB, Arduino Mega 2560, Micro controller 8051/8052, Auto CAD.
- Knowledgeable in calculus, Differential equation and other maths field.

Final Year Project:

Path Planning and Obstacle Avoidance Intelligent Robot

- Robot can find the shortest path between two points in a specific known area and avoid obstacles as our final year project. In this project we assume our specific area as 2D map of coordinates. Then robot calculate and find the optimum path by using A*(A star) path finding algorithm.

Other Projects:

Microcontroller 89C51

- Mobile controlled intelligent security and home automation system (Embedded system).

Hardware

- Car parking sensor (Electronics)
- When it sense any obstacle, it will give warning to the driver to stop the car.

Other Activities

Workshop:

PCB Designing, Manufacturing & PLC /SCADA

Courses:

PLC & SCADA training course in SINA institute of Networks and aesthetics from 23, August, 2014 to 19, October, 2014 (32 HRs).

Certification in education:

Certificate of appreciation from SAFE in 7th Talent Tribute June, 2014