



SYED AITEZAZ HASSAN

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OBJECTIVE

To obtain a challenging position so that I can contribute to research and development of new technologies. A place where my strong analytical and technical skills can contribute towards the betterment of society.

EDUCATION

Qualification	Year	Institute	Grades/CGPA
Masters of Science in Electrical Communicatio n Engineering	2018	CECOS University of Information Technology And Emerging Sciences, Peshawar, Pakistan	3.66 CGPA
Bachelors Of Science in Electrical	2016	COMSATS Institute of Information Technology, Pakistan.	63%

Electronics Engineering				
Higher Secondary School Certificate	2010	Edwardes College, Peshawar, Pakistan		75.9%
Secondary School Certificate	2007	Peshawar Model School, Peshawar, Pakistan		83.8%

FINAL YEAR PROJECT:

Less Energy Consumption Based Architecture for Internet of Things.

Result: Successfully showed that the proposed architecture is consuming less power by switching the hardware resources to sleep mode.. The sensors switch to sleep mode based upon their available battery power and other factors involved.

Experience:

Internee at PTCL

Pakistan Telecommunication Private Limited - PTCL (April 2016 to August 2016)

Pakistan Telecommunication Company Limited (PTCL) is the leading telecommunication authority in Pakistan. The corporation provides telephonic and Internet services nationwide and is the backbone for the country's telecommunication infrastructure. Based at PTCL Operational and Maintenance Centre (OMC-North), the internee will be responsible to understand and perform the following set of functions:

- Understanding and maintenance of switching and routing systems at the PTCL OMC.
- Understanding the functionality and working of various equipment working on various standard such as Soft Switch, J-10 Switch.
- Understand functions of switch for voice calls (ZTE J10 Switch).
- Understand Electronic worldwide switch digital - EWSD.
- Understand the various packet and circuit switching and routing protocols in place.
- Understand and operate the PTCL Service Management Software: *iManager tools*.

Area Field Officer- APEX Consulting Harnessing Knowledge (January 2018 - Present)

- Set up and manage the project office at field level in accordance with the project work plan.
- Implement the project activities within respective area of responsibility as per the work plan and budget.
- Ensure that the implementation of work plan is consistent with the envisaged outputs and objectives of the project document.
- Update and report the Zonal Field Officer on a regular basis about the progress and constraints and try to resolve implementation problems, if any, in consultation with other project staff members and with guidance of the Zonal Field Officer.
- Supervise the activities of field-based staff including administrative work and delivery of project outputs, and as required by Zonal Field Officer.
- Supervise, coach and mentor Project Field staff for smooth project implementation.

Certifications

- Cisco Certified Network Associate CCNA-Routing and Switching
- Internet of Things (IoT)

Technical Skills

- Cisco Certified Network Associate CCNA
- Network Simulator NS-3
- MS Office Suite
- Microwind (CMOS Layout Design and Simulation Tool).
- DSCH (Schematic Editor and Digital Simulation).
- MATLAB
- PROTEUS 8.1
- Pspice software
- Omnetpp
- Packet Tracer

Languages

Name	Speaking	Writing	Reading
English	Excellent	Excellent	Excellent
Pashto	Excellent	Good	Good
Urdu	Excellent	Excellent	Excellent

References

Dr. Nasir Jamal Khattak

Professor

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