

Haroon Shahzad

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Hust P/O Korang Town

Islamabad

Education:

- **Centre for Advanced Studies in Engineering (CASE) University, Islamabad Pakistan in Affiliation with UET TAXILLA.**
 - Bachelors of Electrical Engineering (2013-2017) with CGPA **(3.36/4)**
 - Pakistan Engineering Council Registration No. **64717**.
- **Punjab College 92, Nazimuddin road F-8/4 (F.A) Islamabad Pakistan.**
 - Higher Secondary School Certificate (Pre -Engineering), (2011-2013) Passed with **73%** Marks.

WORK EXPERIENCE:

- **6 Months Internship at International Islamic University Islamabad as a Lab Engineer in Electrical Engineering Department.**

Date: 8th August 2017 to 8th May-2018.

 - Worked Six Week as a Teacher Assistant of Computer Network Course.
 - Worked Six Week as a Teacher Assistant of Signal and System Course.
 - Supervised Basic Electronics Course Lab
- **6 week internship at Pakistan Telecommunication Company Limited (PTCL) Islamabad.**

Date: 15th June 2016 to 29th July 2016

Allocation of departments in six week internship for different roles as a learner is as follows:

 - Two weeks under Manager IP infrastructure, Islamabad
 - One week under Manager OFAN Ops, Rawalpindi
 - One week under Switching Ops, Islamabad
 - Two weeks under Manager OFAN Ops, Islamabad

Certification:

Web & Graphics Designing course from Nikon group of Colleges, Saddar Rawalpindi.

Projects:

- **Wireless Controlled(PS2 Module) Football Playing Robot** manufactured with two wheel Drive with the functionality of kicker and dribbler
- **Networking of an enterprise** designed on a CISCO packet Tracer software
- **Final year Project : Interference Management In wireless AD HOC Networks**
 - An ad hoc network is a decentralized type of wireless network.it does not rely on a Pre-existing infrastructure, such as routers in wired networks.
 - In an Ad Hoc network, several nodes contend for the medium at any time. So they will interfere each other communication.
 - My FYP was to study the interference behavior in ADHOC networks and explore some existing MAC schemes in an effort to manage interference and propose improvements in the existing MAC algorithms.

ACHIEVEMENTS & CO-CURRICULAR ACTIVITIES

- Quarter finalist in Robotic Competition Robosprint 2015
- Runner up Robo-Move line following robotics competition Tectiqs 2016 at IQRA University Islamabad
- Win best semester project award in 4th semester of UPS manufacturing

Skills

Computer Languages

Basic: C, C++, Verilog, Html

Tools

- Adobe Photoshop
- Microsoft Visual Studio 2010
- MATLAB
- CISCO Packet Tracer
- MS Project
- Advanced Design System(ADS)

Interpersonal Skills

- Collaborative, Problem Solving
- Strong team player
- Ability to thrive under pressure

Hobbies

Newspaper reading

Interests

- To Learn About New Technology
- Playing cricket, Football and table tennis
- Web surfing

References

Will be furnished upon request.