CURRICULUM VITAE

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Objective

Seeking a challenging position in an organization with advancement opportunities in Engineering Research or in any field. Where I can apply my knowledge with the purpose of providing output efficiency in any department, procuring vigor into the workplace, hence adding value to the corporation while mutual learning, developing and enhancing my skills.

Introductory Profile

- Knowledgeable, enthusiastic, goal oriented and ambitious in producing and implementing new ideas within a competitive and dynamic environment.
- Ability to form positive working relationships and adapt to rapidly changing situations.
- Excellent Problem solving and analytical skills.
- Excellent customer relations and people management skills
- Excellent verbal, written communications and presentation skills.

Education

Year	Degree	University	CGPA
2018	MS In Prograss	Sarhad University Of Information And Technology Peshawar, Pakistan	3.85
2016	Bachelors of Engineering in Electrical (Telecom)	Sarhad University Of Information And Technology Peshawar, Pakistan	3.44

MS Research Topic

- Currently doing research in the field of Nanotechnology. I am using Bowtie Nanoantenna and showing the Enhancment property of it using SERS. It can be used for single molecular detection and many other applications.

Mini Projects

- Designing FIR Low Pass Filter Using Matlab
- Cell Phone Detector
- 8 candidate quiz buzzer using 8051 microcontroller (AT89C51)
- Half Subtractor
- Voltage Regulator
- TV Remote Jammer

Final Year Project

- **Weather data logging of dust, temperature and humidity sensors using xbee module.**

- We design a wireless weather station, which calculates the Temperature, Humidity and Dust real time values through sensors.

- We use Arduino UNO to get these values from the sensors

- For wireless transmission of data, we use Xbee module to create a PAN (Personal Area Network).

- And we display it on our laptop using GUI (Graphical User Interface) .

Programming Languages &Tools

- COMSOL Multiphysics
- C ,C++
- Matlab
- Pspice
- AutoCAD
- Arduino UNO
- LaTex
- VB6 GUI(Graphical User Interface)

- Packet Tracer
- Workbench
- Cadesoft Eagle Keil soft
- Microsoft Office.

Achievements/Awards

- Organizer in Job fair by HEC.
- GPA Based Marit Scholarship in 5th, 7th Semester.
- Organizer in IEEE Conference Held in Peshawar.
- Conference Research paper on Wireless Weather Station.

Skill Set

- Strong understanding and comprehensive knowledge of Electrical Components and Softwere .
- Well acquainted with Researching.
- I have written three research papers. I am now currently doing research on Nanotechnology.
- Excellent report analysis and writing skills.

Publications

- National Conference on " Mathematical Sciences in Engineering Application (NCMSE)
    "Performance evaluation of Moving Objects Detection Algorithms"
    "Real Time Eye Detection and Tracking Method for Driver Assistance system"

- 3RD INTERNATIONAL MULTIDISCIPLINARY RESEARCH CONFERENCE

    Global Prosperity through Research & Innovation September 27-28, 2016 | Sarhad University-Peshawar-Pakistan

"Weather Data Logging of Temperature, Humidity and Dust Using Xbee Module" paper No 412.