Areeb Zulfiqar

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"To acquire a challenging position in an organization, to put my skill-set to use, enhance my knowledge and contribute to the development and growth of that company."

EDUCATION

Case, Islamabad Pakistan
> **Bachelors of Electrical Engineer**
> Completion Year: June 2017

PCIT, Rawalpindi
> **Higher Secondary School Certificate (Pre Engineering)**
> Completion Year: 2012

Siddeeq Public School, Rawalpindi
> **Secondary School Certificate (Science General)**
> Completion Year: 2010

WORK EXPERIENCE

- Summer Internship at **NADRA, Islamabad**.
  - Worked in Networking and Network Security Department
- Summer Internship at **CASE, Islamabad**
  - Worked on PCB Designing on Altium Designer
  - Did Research on working of an ECG Machine
- Internship at **MOL Pakistan, Karak**
  - Electricity Generation and distribution
  - Communication and transmission btw the plants and oil wells
  - Line Tracing Processing Facilities

PROJECTS

- Wireless ECG and heart rate Monitor
- Linux Based Data Sniffing
- Remote access of PC using Linux
- Enterprise Network creation on Packet tracer
- Hand gesture-controlled car
- Quad Copter
- Electromagnetic Pulse Generator
- Puzzle game on FPGA (Spartan 3)
- Library Management System (Application)
- Linux based Penetration Testing

CERTIFICATIONS & CO-CURRICULAR ACTIVITIES

- Part of WWF Pakistan
- Part of CASE Arts Society
- Event Planning and Management
- Proficient in MS Word, MS Excel, MS PowerPoint, MS Project, Adobe Photoshop
- CCNA (CORVIT)

FINAL YEAR PROJECT

Wireless ECG and Heart Rate Monitor
Description:
- Small, Compact and Brief Design
- Wireless Transmission of signals
- Algorithm development for better filtrating of ECG
- Android Application

Skills

Computer Languages

C, C++, C#, Verilog….

Hardware

PIC18F4520, Xilinx Spartan and derivatives, Arduino, Raspberry-Pi and derivatives, MSP430, ADS1293 and derivatives, CC2541….

Tools

Microsoft Visual Studio 2010, MATLAB, MS Office, Altium Designer, Proteus, Packet Tracer, Wire Shark, Metasploit, Xilinx, AutoCAD, Multisim, MS Project, Photoshop ….

Interpersonal Skills

- Strong leadership and Presentation Skills.
- Collaborative Problem Solving & Organizing.
- Strong team player with the ability to create team, coach & lead.
- Ability to thrive under pressure.

Hobbies

- Web surfing, watching movies, computer games, Cricket.

References

Will be furnished upon request