**Education**

Electrical (Telecommunication) Engineering

COMSATS Institute of Information Technology, Lahore

3.09 CGPA (Dec 2016) (PEC Registered)

Intermediate (Pre-Engineering)

Government Science College Samanabad Faisalabad

First Division (A) (2012)

Matriculation (Science)

Government Comprehensive Modal High School

First Division (A)

**Certificationss**

**CCNA Routing and Switching**

CORVIT Systems. Lahore

**LINUX**

CORVIT Systems, Lahore

**Profession Experience**

**KICS UET Lahore (Aug 2017 – July 2018)**

* Worked as a Research Assistant at Al-Kwarzmi Institute of Computer Science.
* Worked on a research project in collaboration with American University in the Emirates (AUE)
* Wrote a project proposal for the Technology Development Fund (TDF)
* Represented as an Industrial Exhibitor in ICOST
* Worked in development of Surveillance Robot for “Automatic Security and Surveillance System for Video Streams”

**Warid Telecom (July 2015 – Sep 2015)**

* Worked as an industrial trainee in RAN department at WARID telecom
* Network Rollout and Strategic Projects
* BTS configuration and Installation
* Create Microwave Link between sites
* Visited sites for troubleshooting

**Teaching (Nov2017 – Present)**

* Working as a tutor
* Taught FSc and Matric Students
* Provided assistance for professional courses
* Taught Physics, Mathematics, Computer and literature courses

**Publication**

Iqbal, R., Ahmad, S., & Hashim, M. (2018, June). Evaluating Factors Affecting Communication in Wearable Internet of Things for Near Field. In *2018 IEEE 87th Vehicular Technology Conference (VTC Spring)* (pp. 1-4). IEEE.

**Projects**

**Final Year Project**

Ultra Wide Band Antenna (UWB) Design for the Cancerous Tissues Detection Using Microwave Imaging

* Designing an Ultra-Wide Band Antenna for the Microwave Imaging System to Detect Cancer
* Simulation of antenna in CST
* Fabrication of Antenna
* Testing the antenna on phantom in CST

**Research Project**

**NFC Passive Antenna Design**

* Studied Different Factors Impact on the performance of the antenna
* Simulation and fabrication of the NFC antennas in CST
* Measuring the results of the NFC antenna

**Surveillance Robot Development**

* Designing and development of Surveillance Robot for “Automatic Security and Surveillance System for Video Streams”

**Semester Projects**

* UWB antenna design
* Antenna design for the wireless communication
* Fire safety alarm
* Audio Amplifier
* Voltage control Circuit
* Circuits Using Op-Amp
* Digital Library Using GUI in java
* Stock manager program using GUI in java

**Highlights of Qualification**

**Technical Skills**

* Quartus II, PIC, Arduino and STM
* C, Java, MATLAB, Lab-View
* Windows, Linux, Cisco Packet Tracer
* PHP, HTML, CSS
* AutoCAD, Proteas, LT-SPICE

**Personal Skills**

* Good Communication and teaching Skills
* Good Troubleshooting skills
* Good Team Player
* Perform well under pressure and punctual
* Conflict Manager

**Reference**

Reference would be provided on demand.