# Usama Nazir

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**Address**
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| **Objective** | To enhance technical and managerial skills by working in a learning and competitive environment. |

**Education**

**Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)** — Topi, PK
Bachelors of Science in Computer Engineering — 2014 – 2018
**CGPA:** 2.85/4.00

**Beaconhouse School System** — Faisalabad, PK
GCE Advanced Level — 2012 – 2014
**Grades:** 2 B's; 2 C's

**Beaconhouse School System** — Faisalabad, PK
GCE Ordinary Level — 2009 – 2012
**Grades:** 1 A*,6 A's,1 B

**Work Experience**

**Intern, PTCL Regional Headquarters Faisalabad** — Summers 2017
Worked in wireless, transmission and switching departments for six weeks

**Qairus Pvt Limited, Lahore, Pakistan** — Sep 2017 – April 2018
Project-based Internship
-Industrial collaboration on IoT based healthcare system
-Applying embedded system, app development, and cloud computing knowledge to develop a complete prototype.

**Final Year Project**

**Remote Patient Sensing and Warning System using IoT**
Using Arduino micro-controller along with sensors to remotely collect patients data and display it on Web based and Android based application for the use of doctor.

**Academic Projects**

**University Management System**
Web based university portal using MySQL database, PHP,HTML,CSS

**Flight Management System**
Concepts of Data Structures Used to create a Comprehensive flight Management System

**Website for NGO**
A fully function website developed for an Islamabad based NGO using java-script, HTML and CSS

**Grocery Store POS terminal**
A Point Of Sale Terminal Made By Using Object Oriental Design Principals

**Password Based Home Security System**
Micro controller Atmel 8051 used to make home security system

**Android App Development**
Developing event Android application for IEEE GIKI student branch

**Award & Achievements**

- Treasurer, Institute of Electrical and Electronics Engineers(IEEE) - GIKI Chapter 2017-2018
- Logistics Head of National Electronics Olympiad 2017(NEO 17)
- Silver Medalist from Beaconhouse School System In GCE Ordinary levels
- IT Director at Bfmun13-2013

**Skills**

- Proficient in C/C++,Python, Java-script, HTML, CSS
- Acedemic Tools: Mysql, Oracle, Android studio, Web2py framework,Proteus, Matlab,MIDE
- Other Tools: Adobe Aftereffects, Adobe Photoshop
- Microcontroller Interfacing: Arduino, Atmel 8051,PIC18
- Operating Systems: Windows, Linux
- Others: Ability to work well under pressure, Good Speaking and Management skills

**Specialization Electives**

- **Applied Artificial Intelligence**
- **Real time Embedded Systems**
- **Web Engineering**
- **Wireless and Mobile Networks**