Maida Shahzad  
  
Village Mohra Gulsher P.O.B. Pindi Gujran Teh. & Dist. Chakwal

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**Career Objective**

I want to utilize my expertise in the field of electrical engineering and implement my innovative ideas and creative mind towards the area of specialization.

**Education**

**[2010]**

**Matriculation Sir Syed Model Secondary School Bangwala**

Grade achieved: 814/1050 =78%

**[2010 –2012]**

**F.Sc. Pre-engineering Mulhal Science College for Girls**

Grade achieved: 864/1100 =79%

**[2014–2018]**

**BS Electrical Engineering Riphah International University, Islamabad**

Current CGPA**= 3.71/4**

**Skills**

**Technical:**

* C and C++
* Assembly (used only to operate PIC18F458 microcontroller)
* Data Structure
* VLSI
* VHDL
* Code Block (software)
* Matlab (software)
* Proteus (software)
* Multisim (software)
* MPLAB X IDE v3.35 (software)
* LT Spice XVII (software)
* Xilinx.ISE-12 (software)
* Microwind3 (software)
* Arduino (software)
* Modelsim SE 6.5 (software)
* Xilinx ISE Design Suite 12.1 (software)

**Interpersonal:**

* MS office
* Power point
* Excel
* Adobe Photoshop CC 2018

**Projects**

* 7 segment LED display
* Fire alarm detector
* ATM machine using C++ language
* Emergency light
* Library management system using C language
* Designing of a Stethoscope using filters
* Laser light home security system using PIC18 microcontroller
* Filteration of an ECG signal using Matlab
* Techo system
* Transmitter
* Receiver
* Temperature Display Sensor using Arduino Nano

**FYP:**

Natural Gas Outflow & Smoke Detection with Auto cut off Of the Gas & Power Supply using WSN

**Internship**

**PTCL** (Pakistan Telecommunication Limited) = **2 months** (duration)

**Hobbies and interests**

* Reading books
* Playing Badminton
* Table tennis
* Keen intersted in the Robotics
* & Chip Designing
* Programming
* Listening Khutbas of Authentic Scholars on the internet