



Hafiz Muhammad Usman

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Address: CB 228/1 Street No 2 Lalazar Colony Liaquat Road
Wah Cantt

Work experience

Lodhia Gymsum Industries Pvt
Limited, Hattae Pakistan

8-12-2017 — Continue

Electrical Engineer

I am working as an process engineer and my responsibilities include to start and monitor the over all process.

Pakistan Ordnance Factories (POF), Wah
Cantt, Pakistan

13-6-2016 — 23-7-2016

Internee

Visited the different department and shops of Maa factory.

Pakistan Aeronautical Complex (PAC),
Kamra, Pakistan

27-7-2015 — 13-8-2015

Internee

Visited the different manufacturing shops of Apf factory.

Qualifications

Bachelor of Electrical Engineering

References

References will be furnished on request

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Colony Wah Cantt, Pakistan

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, +92(344)5611413

Education

Secondary School Certificate (Science
Group)

31-03-2009 — 08-07-2011

New Foundation Public School

2009-2011, Percentage: (76%)

High Secondary School Certificate, FSc (Pre-Engineering)

F G Science Degree College For Men Wah Cantt

2011-2013, Percentage: (74%)

01-09-2011 — 30-07-2013

Bachelor of Electrical Engineering

Air University

2013-2017, CGPA: 3.1

01-08-2013 — 30-06-2017

TECHNICAL SKILLS

Software Programming

•C++,MATLAB.

Hardware Programming

•Assembly,PLCLadderLogic

Hardware

•ArduinoUno,Pic18F452,and8051Microcontrollers

•DSPKit(TMS320C6713)

•PCBDesigning

Other Softwares

Eclipse, Proteus, ExpressPCB, MicroCforPic, Keil uVision, Microsoft Visual Studio, MS Office, Powerworld, PacketTracer.

PROJECT

FINAL YEAR PROJECT

Quad Copter for Pesticides Spray

Designing and implementation of an autonomous flight of a Quadcopter for pesticide spray, using Ardu Pilot Mega 2.8 microcontroller with embedded sensors like gyroscope, barometric pressure and accelerometer sensors.

SEMESTER PROJECTS

Subnetting using Routers (OSPF) + Access List

Line following Robot using Arduino

Buck converter

Calculator using PIC controller

Transformer

PERSONAL

Father Name : Tariq Mehmood

Date of Birth : April 28, 1992

Citizenship : Pakistan

CNIC : 37406-7309208-7

MAJOR COURSES

Analog Electronics (I, II and III)

Signals and Systems

Digital Signal Processing

Power Transmission

Power Distribution

Power Electronics (I, II)

Industrial Automation