



## ENGR. ASHFAQ UR REHMAN

PEC NO: 66145

Mohalla Gharib Abad, Village Kotarpan, P/O Risalpur,  
Tehsil/Distt Nowshera, KPK.

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### PERSONAL STATEMENT

*I'm a nice fun and friendly person, I'm honest and punctual. I have a creative mind and am always up for new challenges. I am well organized and always plan ahead to make sure I manage my time well.*

### PERSONAL SKILLS

- Time Management
- Continuous Personal Development
- Active Listening.
- Capacity to Absorb Pressure
- Team Members Motivation

### LANGUAGES

- Urdu
  - Pashto
  - English
- Speaking, Reading, Writing

### EXTRA-CURRICULAR ACTIVITIES

- Cricket
- Driving
- Mini Projects
- Social Networking

### COMPUTER SKILLS

- MS Office
- Windows
- Internet Browsing

### OBJECTIVE

To join a dynamic dedicated organization where best of my knowledge and ability utilized for the achievements of higher standards, goals and innovation to enrich my mind with latest knowledge & trends that help in the process of organizational and self growth.

### PERSONAL INFORMATION

Father's Name : Muhammad Riaz  
CNIC No : 17201-0142736-9  
Date of Birth : 16 May 1994  
Domicile : Nowshera, KPK  
Religion : Islam  
Nationality : Pakistani

### EDUCATION

Qualification	Year	Grade/ CGPA	Board / University
BE-Electrical (Electronics)	2017	3.76/4.00	Hamdard University Karachi (Islamabad Campus)
HSSC (Pre-Engineering)	2012	64%	Fazaia Degree College, Risalpur, KPK
SSC (Science)	2010	75%	F.G Fazaia Secondary School (2 <sup>nd</sup> shift), PAF Faisal Karachi

### CERTIFICATION

- Hifz-e-Quran from Wifaq-Ul-Madaris Al-Arabia Pakistan
- MS-Office from Technical Training Center Risalpur, KPK

### INTERNSHIPS

#### 1. Pakistan Aeronautical Complex, Kamra

02 Weeks Internship at Avionics Production Factory

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## FINAL YEAR PROJECT AND THESIS

### Stable Flight Control Of Quad Copter

- Arduipilot 2.8 Controller with PID Technique
- Mathematical modeling alongwith Simulink Simulation
- Able to maintain steady flight characteristics in the presence of forced parameters such as wind and have failsafe features that avoid crash of the quadcopter.
- Has the capacity to work on modes pre-defined by the user such as the stable flight mode or loiter mode on the flip of a switch on the transmitter.

## SEMESTER PROJECTS

Project	Lab/ Subject	Theme / Components
Regulated Power Supply	Elect. Workshop	Transformer with Bridge Rectifier and capacitor
Dark Detector	Basic Electronics	Covering LDR would sounds the buzzer.
Smart Battery Charger	Elect. Devices & Circuits lab	Charging high voltage battery with a low voltage source
Line Following Robot	Elect. Devices & Circuits	Line follower that carries goods from place to place
Traffic Lights	Digital logic Design	555 timer with counter IC 4017
Automatic Water Tank Pump Controller	Power Electronics (Subject)	Automatic Motor start/stop using Logic Gates
UPS (200 W)	Power Electronics	Arduino as Clock, with rectifier and inverter

## ENGINEERING SOFTWARE SKILLS

- Matlab
- Proteus
- Express PCB
- OrCAD
- Multi-Sim
- Pspice
- Mitsubishi Fx-series Plc Trainer