

PERSONAL INFORMATION

ENGR.TOQEER AHMED



G-8/3, Block B-5 Flat No.28 PIMS Colony, Islamabad, 44000, Pakistan

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+923088933366

Sex Male | Nationality Pakistani



PEC No. 66291

PERSONAL STATEMENT

- Highly motivated and enthusiastic, capable of working in a team environment, and also has leadership qualities
- Enjoys learning new skills and is confident and original, has a desire to progress and succeed
- Creative and innovative with ability to solve problems under pressure situations

WORK EXPERIENCE

Aug – Nov 2016

Intern-Engineer

PTCL (Pakistan Telecommunication Company Limited), Headquarters G-8/4

- Analysis and study of the equipment in power plant (1+1) Project: DG sets & Backup Equipments
- Worked on NMS Software: Exchange to exchange connections, Topologies, Alarms

Aug - Sep 2015

Intern-Engineer

PTCL (Pakistan Telecommunication Company Limited), Headquarters G-8/4

- Learned about Classes of IP's, Type of Exchanges, Routers, Switches, Public & Private IP's, Packet Switching & Circuit Switching, Protocols: H.248, H.323
- Worked in Technical Area including Power unit, Control Unit, Signaling & Controlling, Switching & Billing, and Services & Functions

EDUCATION AND TRAINING

2013 —2017 **BE (Electrical Engineering)**

CPGA 3.80/4.00

Hamdard University Islamabad

Course Modules: Digital Control System, Digital Signal Processing, Digital Image Processing, Computer Communication & Networking, Robotics, Industrial Electronics, Power Electronics, Power Engineering System.

2010 —2012 **F.SC Pre Engineering**

Islamabad Model College for Boys, F-10/4, Islamabad

Core Subjects: Mathematics, Physics, Chemistry

2008 —2010 **Matriculation in Science**

Islamabad Model School For Boys, F-8/3, Islamabad

Core Subjects: Biology, Mathematics, Physics, Chemistry

PERSONAL SKILLS

- Mother tongue** URDU ,National Language of Pakistan
- Other Languages** English, Punjabi
- Professional skills**
- Possess good **Communication and Organizational / managerial** skills
 - Competency in **digital/analog** circuit design, PCB layout & fabrication : Proteus, PSPICE
 - C++ language, Assembly language, PLC Programming : Mitsubishi FX - Series PLC Trainer, Verilog, MS Visual Studio 2010, Multism, PIC MCU Programming, Arduino Kit Programming, MATLAB (Simulink) hands on practice on mentioned programs during **undergrad courses**
 - OTHER SKILLS: MS Office Essentials (Word, PowerPoint, Excel)

ADDITIONAL INFORMATION

- Project** **Single Phase Pure Sine Wave PWM Voltage Source Inverter** – Final Year Project
This project Based on Power Electronics and hardware programming using pic microcontroller in closed loop configuration to make accuracy of sine wave and sustain load with 90% efficiency. Different protection circuits used to make tolerable against voltage surges i.e. under and over voltage protection, over current protection, over temperature protection. I have use cheaper and easily available components for the project which makes it cheaper and easy to manage for the Industry.
- Conferences**
- Attendee at **IEEE-International Conference on Energy Systems and Policies** Nov 24- 26, **2014**
 - The ICESP-2014 included a series of lectures by domain experts enabling participants to learn about the latest trends in various aspects of energy technologies
- Honors and Awards**
- Faculty of Engineering Sciences & Technology (FEST) of Hamdard University Islamabad awarded Certificate of Second Position Holder of Batch-2013 and appreciation in recognition of superior academic performance securing CGPA of 3.80 in BE(Ee) and was placed amongst top scorers in class.
 - Hamdard University High-achievers Scholarship holder
 - Obtained Merit Scholarship throughout degree
 - Got awarded by Laptop under Prime Minister Laptop Scheme 2017, for ranking in top students with high CGPA in the Electrical department
- Memberships**
- Hamdard Joined Robotic Society in 2016, Hamdard University, attended workshops and educational trips organized by the society
 - Registered Engineer of Pakistan Engineering Council.
- Certifications** Actively participated and received certificate in Final Year Project Exhibition 2017 arranged by Hamdard University Islamabad, Hamdard Electronics & Robotics Team (HEART), and Continuing Professional Development Program
- References** References will be furnished upon request.