



# Muhammad Shehr Yar

## ELECTRICAL ENGINEER



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House#110 Main Street, Fazal town  
Phase#1 Airport link road Rawalpindi, PK.



### CAREER GOAL

To join an organization that gives me an opportunity to showcase my skills, gain practical exposure and work hard towards achieving goals of your organization with new techniques.



### EDUCATION

**Bachelor of Science in Electrical Engineering | 2014-2018**  
**COMSATS University Islamabad, Wah Campus, PK**

#### Specialization

Electronics | CGPA 3.43

**Higher Secondary School Certificate (HSSC) | 2011-2014**  
**Army Public School and College Ordnance road Rawalpindi cantt, PK**

#### Majors

Physics, Chemistry and Maths | 64% Marks

**Secondary School Certificate (SSC) | 2009-2011**  
**Army Public School and College (FWO), Gracy lines Chaklala Rawalpindi, PK**

#### Majors

Physics, Chemistry, Maths and Biology | 81% Marks



### TECHNICAL SKILLS

- PSpice
- MultiSim
- MATLAB
- PCB Designing
- Verilog
- Cadence Virtuoso (Ubuntu)
- Optiwave
- AutoCAD
- Proteus
- EMU 8086
- C++
- TRiLOGI
- MS Office
- HFSS



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## ELECTRICAL ENGINEER



### CORE SKILLS

- Excellent Communication Skills
- Hard Working Individual
- Fluent English Speaker
- Target Driven
- Attention to Detail
- Ability to Prioritize



### FINAL YEAR PROJECT

**Autoclave (Digitalization of Steam Sterilizer)**

**Selected by National Grassroots ICT Research Initiative (NGIRI) and approved for grant of Rs.50100**

**Under the Supervision of Assistant Professor Fasih Ur Rehman, COMSATS University Islamabad, Wah Campus**

- Real time data acquisition using temperature and pressure sensors
- ON/OFF control using feedback control system
- 5.0" Display with Mobile accessibility
- Maintenance using digital log file



### WORK EXPERIENCE

**Intern | 10th July - 18th August, 2017**

**Heavy Industries Taxila (HIT), Taxila Cantt, PK**

- Designed a prototype of Digital Driver Panel, using different digital sensors and a microcontroller.

**Volunteer | 6<sup>th</sup> September – Present**

**STARfALL Foundation**

Volunteering my services for conducting FIRST® LEGO® League HYDRO DYNAMICS-2018



### ACHIEVEMENTS

- Participated in international Kangaroo Mathematics contest 2009
- Got merit certificate for securing 3rd position in 6<sup>th</sup> Semester
- Got 1<sup>st</sup> position in Urdu humerous, in interdepartmental debate and declamation contest
- Got 3<sup>rd</sup> position in English speech, in interdepartmental debate and declamation contest
- Member of IEEE
- Member of IEEE Robotics & automation society and IEEE Power electronics society
- Class Representative throughout the degree



### REFERENCES

Available upon request