

# Hamid Raza

## Graduate Trainee

To gain experience by working with skilled professionals. To apply my knowledge and skills and perform my best for the good of my company



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Badian road Lahore Cantonment



## Education

### Bachelor in Mechanical Engineering

University of Engineering and Technology Lahore  
2014 - 2018 CGPA 3.687

### Intermediate

Punjab College of Science Muslim Town Lahore  
2012 - 2014 Marks 1015/1100

### Matriculation

Government Central Model School Lower Mall  
Lahore  
2010 - 2012 Marks 958/1050

## Personal projects

- Optimization of performance and emission of gasoline engine using gasoline and HHO as dual fuel
- ASME project Ethanol engine
- ASME Air driven engine
- CAD Modeling of power steering pump of Toyota Corolla
- Manufacturing of loop heat pipe
- Manufacturing of reciprocating arm

## Work experience

### Internee Engineer

Sindh Engro Coal Mining Company  
(SECMC)

06/2017 – 07/2017

## Achievements/Tasks

- **Bid evaluation for expansion equipment**  
Included RFP study, detail bid study, filling of evaluation criteria form, submission of detailed report
- **Design review for Over burden removal for pipe line installation**  
Included background study of project, meeting with contractors, study of alignment sheets, design review on Auto CAD, and improvement suggestions.
- **Preparing minutes of meetings**  
Prepared minutes of meetings for meeting between SECMC and EA Consulting ltd during internship
- **Site inspection**  
Included Dewatering well inspection, Diesel storage tank inspection, Reverse osmosis plant inspection and Power house inspection

## Soft skills

Solid works	●	●	●	●	○
ANSYS	●	●	●	●	○
MS Office	●	●	●	●	●
MATLAB	●	●	●	○	○
AutoCAD	●	●	●	●	●
C++	●	●	●	○	○

## Personality traits

Leader ship	●	●	●	○	○
Team work	●	●	●	●	○
Pressure handler	●	●	●	●	○
Honesty	●	●	●	●	●
Resilience	●	●	●	●	●

## Organizations

American society of mechanical engineers  
(2014-2017)

## Certificates

- Assistant manager Ethanol engine project (2016-2017)
- Participant Air driven engine project (2015 – 2016)
- Participant student speed design contest (2014)
- Participant ASHRAE industrial quiz (2016)
- Participant student speed design contest (2106)
- Participant SKAT (2016)
- Participant ASHRAE industrial premier (2016)
- Participant HVAC seminar (2016)

## Interests and hobbies

Interested in internal combustion engines, modern automobile manufacturing techniques and design components. Hobbies include watching Science fiction movies, book reading and web surfing,

## References

Will be furnished on demand