



Mechanical Engineer

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Date of Birth: August 26, 1993

PEC No. 35629

Nationality: Pakistani

MUHAMMAD RAZA

OBJECTIVE

To pursue a career in a growing and dynamic Organization, putting my theoretical knowledge into practical form, thus rendering all possible services in my capacity to the future of the mother land. To effectively contribute to the optimal growth of the organization.

EDUCATION

Mechanical Engineering Bachelor of Science
University of Engineering and Technology, Taxila
Obtained CGPA (2.94/4.00)

Nov2013-July2017

Pre-Engineering, Higher Secondary School
Uswa College Islamabad, FBISE Islamabad
Obtained (73.4%)

July2010-June2012

Matriculation, Secondary School Certificate
Uswa College Islamabad, FBISE Islamabad
Obtained (84.7%)

March2008-May2010

SKILLS

Design and Modelling

- AutoCAD
- Pro-Engineering

Simulation Software

- ANSYS
- ABAQUS

Computer Skills

- Microsoft Office
- MATLAB

FINAL YEAR PROJECT

My final year project was titled “Designing and Fabrication of Dual Clutch Transmission System”. This project is focused on the principles of Dual Clutch System (DCT), in which two clutches are used. Odd No. of gears are run by one clutch and even No. of Gears are run by the other clutch. In this project we have design and fabricate a gear box consisting of DCT system for a particular car using it's the specification of that car. DCT system is much more comfortable and less fuel consumption than the Manual and Automatic transmission system.

SEMESTER PROJECTS

- Design and manufacture of a miniature suspension Bridge.
- Design, Fabrication and Analysis of Prototype for Solar water heater.
- Design and Fabrication of Solar Panel Cooling System.
- Demonstration about Assemblage of parts in Pro-Engineering.
- Design and Simulation of Bicycle Frame.
- Cooling Load and Heating Load Calculations.

EXPERIENCE

- 6 week Internship at Heavy Industries Taxila (HIT), where I tried to polish my skills related to practical work.
- Research Assistant in UET Taxila

LANGUAGES

Persian: Mother Language
Urdu: Excellent
English: Good

CORE STRENGTH

Attention to details and problem solving skills.
Good communication skills and advanced organizational skills.

EXTRA CURRICULAR ACTIVITIES

Sports (Football, Squash, Hockey)
Reading (Books, Newspaper)
Hiking