

# SYED ABDUL RAFAY HAMMAD

## MECHANICAL ENGINEER

### HAMMAD AHAD RAZI

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#### OBJECTIVE

To work with maximum potential in a challenging and dynamic environment, with an opportunity of working with diverse group of people and enhancing my professional skills with learning and experience for career growth. Particular interest in Computer aided engineering and FEA solution and am prepared to relocate globally. My areas of interest include structural analysis, product development and design management.



#### EDUCATION

##### **B.SC Hons | NFC Institute of Engineering and Technology Multan**

2014 – 2018

3.64/4 CGPA, Grade B+, Scholarship, Thesis on Magnetic Repulsive Engine and Research paper.

##### **F.Sc | Board of Intermediate and Secondary Education Lahore**

2012 – 2014

844/1100, Grade A, Scholarship.

##### **Matric | Board of Intermediate and Secondary Education Lahore**

2010-2012

789/1050, Grade A.



#### EXPERIENCE

##### **Intern | Honda**

07/2017 – 08/2017

An overview of different departments like Welding, Engine Assembly, Final Assembly, Quality Control and Vehicle Quality, Paints. A project presentation on safety measures.

##### **Intern | WAPDA House**

06/2017 – 07/2017

Lectures on Turbines and HVAC Plant.



#### SKILLS

**Technical Skills:** Solidworks, Autocad, Ansys (Static Structure, CFD, MBD, Maxwell), Matlab, Manufacturing Operations, Instrument calibration.

**Communication Skills:** Microsoft Word, Power point, Excel, Technical Report Writing (project progress report), Proposals Writing (External and Internal).

**Technical Exposure:** 2 years of Freelance experience in designing, MS thesis writing, report writing, and Ansys.



#### ACTIVITIES

- Laptop from Government on merit
- Scholarship.
- Environmental Risk Assessment Certification
- Environmental impact Assessment Certification
- Research paper at Bachelor Level.
- Abstract Acceptance from Conference on Aerospace and Aerodynamic.
- Confined Space Safety Certification



#### PROJECTS

Working Model of Lathe Machine (NFC IET MULTAN), Writing G and M code of turning operation, Magnetic Repulsive Engine (FYP), and Robotic Arm.