



Ammar Mehboob

Mechanical Engineer

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To be an employee where I can contribute my skills and experience to the further development of the organization and achieve growth in my professional career.

WORK EXPERIENCE

Research Assistant

National Energy Efficiency & Conservation Authority (NEECA)

06/2017 – 08/2017

Islamabad

Analysis of Solar Cell

- I was responsible to provide suitable and efficient FEM analysis for the sustainability of the Solar Cell.

Internee

Pakistan Ordnance Factories

07/2016 – 09/2016

Wah Cantt

Internship

- During internship period I visited SAA Fy (Small Arm Ammunition), MAA Fy (Medium Arm Ammunition), Services Group, Weapons Fy. I have learnt all the manufacturing process of small and medium ammunition and weapons.

MAJOR PROJECTS

Modeling and Analysis of Accumulator of Pressurized Water Reactor (FYP)

- The idea of the project is to design an accumulator (pressure vessel) of Pressurized Water Reactor on ASME codes and performed its static as well as dynamic analysis on ANSYS in order to check its sustainability.

Analysis of Shockwaves of Airfoil

- In Ansys (Fluent) diamond shaped of airfoil was analyzed for Shockwave at different Speed and Mach No.

Analysis of Ahmed Body

- In Ansys CFD Ahmed Body was analyzed at different slant angle.

Calculation of Heating & Cooling Load of a Building

- Study and Analysis of heating and cooling load of MAJU Building Blocks. Give recommendations based on our results.

Eight-Bar Stamping Mechanism

- The purpose of this machine is to mark a stamp at high speed with low human effort.

EDUCATION

B.S Mechanical Engineering

Mohammad Ali Jinnah University, Islamabad

09/2013 – 07/2017

3.16/4.00

Intermediate

F.G Degree College for Men, Wah Cantt

05/2010 – 05/2013

741/1100

Matriculation

Sir Syed College, Wah Cantt

03/2008 – 03/2010

838/1050

SKILLS

CREO PARAMETRIC 3.0



AUTO CAD MECHANICAL



ANSYS



OFFICE 2013



COMMUNICATION SKILLS



TEAMWORK



ACHIEVEMENTS

Final Year Project

Got second position in final year project.

Bridge Building Competition

Got first position in bridge building competition organized by ASME, held in MAJU

Organized Egg Drop Competition

Successfully organized egg drop competition, held in MAJU

Ex-Member of ASME Society

Ex-Member of Save Energy and Environment Society, MAJU

LANGUAGES

URDU



ENGLISH



PUNJABI

