Athar Paul

Mechanical Engineer

I have been a Team leader throughout my life, Accepting challenges and over-coming them. I am looking for a dynamic and challenging work environment to enhance my professional skills.

atharpaul@gmail.com

+92-334-5532082

Islamabad, Pakistan

WORK EXPERIENCE

Internee
Heavy Mechanical Complex

Design and Fabrication of all types of Gears, Major Components related to sugar industries e.g boilers, crushers etc.

Achievements/Tasks

- Observation of Quality Assurance Department.
- Understanding the Engineering Drawings of the Components.
- Assisting A.M at the Production and Planning Department.

Internee
Heavy Industries Taxila

Deals with the products of Armored Steel and Armed Personal Carriages.

Achievements/Tasks

- Assisted OIC (Officer in Charge) in process suitable for the treatment of armored steel using PHOSPHATE CONVERSION COATINGS.
- Development of Engineering skill. e.g Pro-E.
- Enhanced Report Writing skills using Drafting software.

EDUCATION

Bachelors in Mechanical Engineering
HITEC University,Taxila

09/2014 – 07/2018 *C.G.P.A 3.00*

Courses

- Renewable Energy.
- Refrigeration and Air Conditioning.
- Mechanical Vibrations.
- Industrial Engineering.
- Engineering Management.
- Fluid Mechanics.
- Mechanics of Materials.
- Thermodynamics.
- Design of Machine Elements.
- Measurement and Instrumentation.

Higher Secondary School Certificate
HITEC College for Men

04/2012 – 04/2014 *75%*

Courses

- Mathematics
- Chemistry
- Physics

Secondary School Certificate
HITEC High School for Boys

05/2010 – 05/2012 *85%*

Courses

- Mathematics
- Biology
- Physics
- Chemistry

SKILLS

Drafting Softwares(Microsoft office) | MATLAB | ANSYS | Pro-E | Auto CAD

ACHIEVEMENTS

- IOSH managing safely course of risk assessment.
- Head of Logistics of HITEC Literary Society. (10/2017 – 04/2018)
- Director General at Model United Nations (HITMUN). (01/2018 – 02/2018)

PERSONAL PROJECTS

- Final Year Project - Design and Fabrication of Ultra-portable Wind Turbine for 5V U.S.B Charging.
  - Design calculations of HAWT rotor blades.
  - 3-D modelling on Pro-E.
  - Thesis on the project.
- Automated Parking System using multiple switches and Arduino.
- Fabrication of Robotic Arm using multiple links.
- Apparatus for finding the unknown mass of a sphere using fluids of known viscosity.
- Calculations of Power requirements for motor operated wheel chair.
- Fabrication of Multiple Nut opener using planetary gears.

REFERENCES

Reference will be furnished on demand.

LANGUAGES

English ●●●●○

Urdu ●●●●○

INTERESTS

Photography | Hiking | Badminton | Basketball | Travelling