

MUHAMMAD USMAN AKHTAR

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Career Objective

Looking forward to get inducted in a company having a diverse culture, competitive environment and which always provide career improving opportunities to its employees.

Education

UNIVERSITY OF ENGINEERING AND TECHNOLOGY	Lahore, Pakistan
<i>Bachelor of Science, Mechanical Engineering (CGPA: 3.665)</i>	2014-2018
BOARD OF INTERMEDIATE AND SECONDARY EDUCATION (85%)	Lahore, Pakistan
<i>F.Sc. (Pre-Engineering)</i>	2012-2014
BOARD OF INTERMEDIATE AND SECONDARY EDUCATION (85%)	Lahore, Pakistan
<i>Matriculation (Science)</i>	2010-2012

Experience

- ATLAS POWER LIMITED** (June 2017-July 2017) Sheikhupura, Pakistan
- **Plant operation:** learned about basic power plant operations and visualized working of V18 48/60 engine
 - **Project:** prepared a report on safety loopholes, observed during internship and made suggestions for rectification.
- PAK ELEKTRON LIMITED (PEL)** (June 2016-July 2016) Lahore, Pakistan
- **Project:** completed time study of assembly line of refrigerator.
 - **Manufacturing techniques:** Visualized Injection molding, Extrusion, Thermoforming, and Foaming.
 - **Skill Development:** Attended Skill development program 'Bloom' organized by HR department.

Academic and extracurricular activities

PROJECT IN MECHANICAL ENGINEERING

Comparative analysis of organic insulation materials: (Final year project).

- **Technical skills:** Completed the study of different organic insulation materials, calculated critical thickness of insulation and developed insulation sheets and performed experiments to determine the insulating efficiency of different organic materials.

SEMESTER PROJECTS

- Design and stress strain analysis of machine vice in Solid works.
- Fabrication of solar water heater.

SOFT SKILLS

- Skilled in solid works, auto cad and solid ANSYS. Also completed several online projects on 2D and 3D modeling using AutoCAD and Solid works.

Achievement and awards

DEAN'S HONOUR ROLL

- Received DEAN'S HONOUR ROLL twice for securing GPA more than 3.7 in a semester

ACADEMIC SCHOLARSHIPS

- Received full merit-based academic scholarship from Unique College (2012-2014) Lahore, Pakistan

Additional

- **Leadership:** captained cricket team in five university level tournaments
- **Management:** Managed university soccer league and two recreational trips to the northern areas of Pakistan. Member of event management team (MES) Student Chapter
- **Presentation Skills:** Delivered 10 presentations in front of more than 60 people.
- **Interpersonal Skills:** Motivated and persistent, resilient and adaptable.
- **Interests:** Playing cricket, watching movies, Attending events and sessions.