



ALI MOAZ

Mechanical Engineer

PROFILE

As an organised and highly motivated individual, I love to tackle the challenges while working in a dynamic and fast paced environment. The knowledge gained from my studies and skills acquired through my organisational experience has shaped my ability to lead effectively. adapt quickly, think creatively and work efficiently as part of a team or on my own. Currently, I am seeking a position in a well-established company to acquire technical skills that can enhance my knowledge and expertise.

CONTACT

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IT SKILLS

WORD	<div><div></div></div>
EXCEL	<div><div></div></div>
MATLAB	<div><div></div></div>
ANSYS	<div><div></div></div>
C++	<div><div></div></div>
SOLID EDGE	<div><div></div></div>
AUTO CAD	<div><div></div></div>
PHOTOSHOP	<div><div></div></div>
COREL DRAW	<div><div></div></div>
VEGAS PRO	<div><div></div></div>
POWERPOINT	<div><div></div></div>
INPAGE	<div><div></div></div>

HOBBIES

CURRENT AFFAIRS KNOWLEDGE
BOOK & ARTICLES READING
MOTIVATIONAL SPEAKING
STAMP COLLECTION
BLOG WRITING
BADMINTON
BIKING

EDUCATION

UNIVERSITY OF ENGINEERING & TECHNOLOGY LAHORE	2014 - 2018
B.Sc Mechanical Engineering - 3.15/4.00 A	
PUNJAB COLLEGE OF SCIENCE FAISALABAD	2012 - 2014
Pre-Engineering - 983/1100 A+	
DAR-E- ARQAM BOYS HIGH SCHOOL FAISALABAD	2010 - 2012
Matriculation - 991/1050 A+	

PROFESSIONAL EXPERIENCE

HEAVY INDUSTRIES TAXILA (HIT), TAXILA CANT.	2017
Technical Internship 6 weeks July 2017 - August 2017	

Details: I worked on the Breech Block and Breech Ring of Al-Zarrar and Al-Khalid Tank of Pakistan Army. I made a detailed report and suggested improvements regarding all the machining processes involved in the production of these componenets.

AKHUWAT INSTITUTE OF SOCIAL ENTERPRISE & MANAGEMENT	2016
Social Internship 4 weeks October 2016 - November 2016	

Details: This internship helped me in my professional grooming and made me a socially active person by providing various opportunites for networking. As a project, we built a library in a school of mentally disabled person and arranged a carnival for orphans.

NORTHERN POWER GENERATION COMPANY LTD. FAISALABAD	2016
Technical Internship 4 weeks June 2016 - July 2016	

Details: I made a detailed progress report comprising of the study & demonstration I got about all the three sites of Thermal Power Station: 1) Steam Power Plant, 2) Gas Turbine Power Plant, 3) Maintenance Workshop.

PUNJAB GROUP OF COLEGES FAISALABAD	2015
Social Internship 4 weeks June 2015 - July 2015	

Details: As a part of community service, I offered my services to PGC Faisalabad as a career counsellor. I delivered lectures and presentation, organized workshops to guide students about different career choices.

PROJECTS

WIND ENERGY RESOURCE ANALYSIS FOR PAKISTAN'S COASTAL AREA

Project Significance: Final Year Project
Project Type: Research Project
Softwares Used: MATLAB, Windographer, Microsoft Excel

3D MODELLING OF SUZUKI MEHRAN ENGINE AND ITS AUXILIARIES

Project Significance: Semester Project
Project Type: Modelling
Softwares Used: SolidWorks, Solid Edge v20, ANSYS

DESIGN OF PROTOTYPE OF MAGNETIC REFRIGERATION SYSTEMS

Project Significance: Semester Project
Project Type: Design, Modelling & Fabrication
Softwares Used: SolidWorks, Solid Edge v20, C++

ACHIEVEMENTS

APPOINTED AS CHIEF EDITOR OF UET TRIBUNE - 2017
RENDERED SERVICES AS GOVERNOR FOR UET SCIENCE SOCIETY - 2017
INITIATED AND LED THE VOLUNTEER CLUB OF MECHANICAL DEPT. - 2017
TEAM LEADER OF UET DELEGATION TO NYC - PESHAWAR - 2017
INITIATED THE READERS CLUB AS A SOCIAL SERVICE CAUSE - 2016
ACKNOWLEDGED AS BEST TEAM MEMBER IN 2ND IOHC&F - 2015
ACKNOWLEDGED AS BEST SPEAKER IN PGC FAISALABAD - 2015
GOT OVERALL 3RD POSITION IN BISE INTERMEDIATE PART-I - 2014
GOT 1ST POSITION IN GK COMPETITION OF BISE FAISALABAD - 2013
MERIT SCHOLAR AT PUNJAB COLLEGE OF SCIENCE FAISALABAD - 2012
MERIT SCHOLAR AT DAR E ARQAM SCHOOLS FAISALABAD - 2011
RETAINED 1ST POSITION THROUGHOUT MY SCHOOL CAREER
WAS THE HOUSE CAPTAIN OF SPORTS HOUSE IN SCHOOL & COLLEGE