

# Saifur Rehman

Mechanical Engineer

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## SUMMARY

A Mechanical Engineering student with great attention to technical, managerial and organizational skills looking to secure a position as an Engineer with an industry that will enable the use of my analytical, technical, problem-solving and design skills to benefit the organization.

## EDUCATION

|   |             |           |
|---|-------------|-----------|
| <b>University of Engineering &amp; Technology, Lahore</b><br>(B.Sc. Mechanical Engineering) | [2014-2018] | 3.36 CGPA |
| <b>The City College Peshawar</b><br>(F.Sc. Pre-Engineering)                                 | [2011-2013] | 80.1%     |
| <b>Collegiate Public School Kohat</b><br>Matric (Science Group)                             | [2009-2011] | 76.5%     |

## PROFESSIONAL ENGG. EXPERIENCE

Internship at **Millat Tractors limited** in the month of August (2017)  
Worked for three weeks in Machining section, Engine Assembly and Tractors Assembly Plant  
Worked as a Internee during summer vacation where I have performed Cooling Load Calculation of building

### Working on the blade of steam turbine

Designing of the blade of steam turbine  
Determination of the stresses on the blades of steam turbine  
Selection of the material for the blade of steam turbine  
Design and Analysis of Two way Pump and Actuator as Fluid Mechanics Class Projects  
3D Modeling of Roller Bearing on Solid Edge as a Class Project

### Projects

#### Working on the design and analysis of the brick made of fly ash.

Determine the Physical and Chemical Properties of Coal ASH  
Analyze and investigate the strength of Brick Made of Coal ASH  
Determine the significance of the usage of Coal Ash Instead of Clinker  
Made Economic Analysis of the use of fly Ash Brick  
**Risk and Hazard Assessment** of Manufacturing and Appliances Division of PEL.  
Design and performed analysis of Shell and Tube Heat Exchanger

## PROFESSIONAL AFFILIATION

|  |                |
|--|----------------|
| Member of Technical Projects of ASME UET       | [2016-Present] |
| Member of ASHRAE, UET Lahore                   | [2016-Present] |
| Member of Pakistan Social Welfare Organization | [2016-2017]    |

## EXTRA-CURRICULAR ACTIVITIES

**Instructed Workshops** on Solid Edge, AutoCAD Software's  
Organized **UET Sky Lanterns** Season 1, 2 & 3 (2015-2017)  
Participate in **UET Olympiad'16** and **UET Olympiad'17**  
Achieved **4<sup>th</sup> Position** in **SSDC Junior Level** (Student Speed Design Competition) organized by ASME UET (2014)  
Achieved 2<sup>nd</sup> Position in the Workshop organized by PAK-USAID Organization

## SOFTWARE SKILLS

|                        |                |
|------------------------|----------------|
| MATLAB                 | C++            |
| AutoCAD                | MS Power Point |
| Solid Edge/Solid Works | MS Word        |
| HAP Carrier            | Ansys          |

### Inter-Personal skills

Leadership Qualities

Team work spirit

Effective Communication

Good Researcher

Good Speaker

### INTERESTS

Badminton

House Planning

Newspaper

Socializing

### REFERENCE

Reference will be furnished on Demand

