

# MUHAMMAD AQIB



## SUMMARY

To pursue as a trainee in a growing and dynamic organization which would combine my theoretical insights with on the job training to develop, nurture and mature me as a professional.



## EXPERIENCE

### Design and Manufacturing intern

Heavy Industries Taxila| SPGP Wing | March 2018 - Present

- Achieved an opportunity to design a weld-nut machine for the design modification of Pakistan Army Military Tanks , learning practical knowledge about design implementation, working of gantry mill, manufacturing process and all the working procedure through R&D (Research and Development) wing to CAD manufacturing wing.

### Internship

Heavy Industries Taxila | R&D wing | July 2017 - Aug 2017

- Priceless experience of working in Heavy Industries Taxila, where I learnt how to work in an industrial environment and gained a precious practical experience of different manufacturing processes, which I would not be able to learn in theoretical perspective.



## SOFTWARE

- Creo Parametric (Dynamic/Motion analysis and 3D Modeling) ●●●●●
- ANSYS (CFD, stress analysis, comparison of computational and experimental values) ●●●●●
- Solidworks (3D modeling, stress analysis, 2D drawings) ●●●●●
- MS Office (Excel, Word, Project) ●●●●●
- AutoCAD ●●●●●



## PERSONAL INFO

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### Home:

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Ismail Zai Colony near  
Eid Gah , Multan  
,Pakistan

### Date of Birth

16-01-1996



## EDUCATION

**HITEC University Taxila**  
Bachelor in Mechanical  
Engineering, 2014-2018

### KIPS College Multan

FSc Pre-Engineering, 2012-2014

### Govt. Comprehensive School

Matriculation , 2010-2012



## PROJECTS

### Final Year Project

- Humidification Dehumidification type Desalination System employing Maisotsenko Cycle.
- Distinction in the competitive research based novelty implementative project.

### Mini Projects

- Manufacturing of Magnetic scrap conveyor
- Manufacturing of Folding Chair
- Heat Transfer Analysis of a single cylinder air cooled engine
- Arduino based Bluetooth controlled android car
- Research Paper defence of geometry of rocket propulsion combustion channels
- CAD-to-CAM tool project (CNC Coding)



## LANGUAGES

- Moderate in speaking English
- Decent hold on reading writing and understanding English
- Comprehensive command on Urdu ,Saraiki



## SKILLS

- C++, MATLAB and Programming
- Technical and Oral Communication Skills
- Management Skills
- LATEX, Paper writing
- Sketching
- 3D Product Design



## CERTIFICATES

- Runner-Up in Human Powered Vehicle Competition, 2016
- hall-of-fame presentable Sketching in YouthCarnival IST ,2016
- Organizer of ASME (American Society of Mechanical Engineering) Uni-Chapter Events, 2016
- Organizer of SMEP (Society of Mechanical Engineering Pakistan) Uni-Chapter Events, 2015
- All Pakistan STARTUP EXPO'15, 2015