



Muhammad Saad Hameed

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Objective

A dedicated, active, detailed oriented, reliable, patient and hardworking engineering student with a strong interest in Quality assurance, Manufacturing Processes and Industrial Design, able to uphold high standards of customer service and company's regulations and Procedures. A fast learner who can quickly accommodate with work environments and tasks with a positive attitude towards work. Highly devoted to be a reliable team member of manufacturing and process related projects.

Work experience

DG Khan Cement (Pvt.) Ltd. Kallar Kahar

26th July 2018 — 25th Aug 2018

Internee

It was a one-month internship program in which my duties included:

- Detailed survey of the plant
- Working on the Clinker Production Unit
- Measuring the production rate on daily basis
- Weekly meeting with HoD for briefing

Dromund Thrack Group of Companies

21st Jan 2018 — 14th July 2018

Assistant Manager Technical

It was a part of my Business learning. I registered an engineering private company with SECP and collaborated with Dromund Thrack Group. I was Assistant Manager Technical as well as performing the duties of HR Manager. Besides, I was given training of 'How to become a successful CEO'.

Institute of Space Technology, Islamabad

2nd Oct 2017— 21st Jan 2018

Accelerator

My Final Year Project won the title of 'Best Commercial Project', so IST Incubation Center enrolled me as a Graduate Research Assistant (GRA) to work on my project to commercialize it. It was a 4-month program in which we were given Business-related training as well. This training has given me good understanding of how to run a business and how to make a business successful.

Kazmi Electric Works

3rd July 2017 — 31st July 2017

Internee

It was a one-month Internship related to Final Year Project.

- Making of Transformers
- Different sections in Production line
- Testing and Labs

Internee

A Three weeks internship.

- Overhauling and maintenance of Helicopters and Jets

Qualifications

BE Mechanical Engineering - CGPA 2.93 [2013-2017] **Institute of Space Technology, Islamabad (IST)**

FSC Pre-Engineering Group - 84.7% [2011-2013] **Punjab Group of Colleges, Rawalpindi**

Matriculation Science Group - 89 % [2009-2011] **Divisional Public School and College, Rawalpindi**

Final Year Project

Optimization of the Cooling System of Transformer using Nano-fluids and Altering the Geometry of Fins.

Semester Projects

- Hydraulic Robotic Arm
- Efficient and Improved Design and Fabrication of a Bicycle
- Four Bar Slider Crank Mechanism
- Fabrication of multi-use Load cell
- Research and Designing of Collision Avoidance System for Automobiles
- Research work on Solar Powered UAVs
- Vibration Analyses on Motor Bike Engine and its effects on health of a Rider.

Technical Skills

- CREO Parametric
- MATLAB
- ANSYS
- LabView
- Solid Works
- Microsoft Office
- Zotero
- LATEX
- Technical Writing

Strengths

Good Communication Skills
Time Management
A good Follower
Fast Learner
Honesty
Sales
HR

Achievements

- Best Commercial Final Year Project (FYP)
- Secured 2nd position in Student Research Paper Conference (SRPC)
- Shortlisted for Top 3 Final Year Projects (FYP's)
- Pak-Turk Inter-School Math Olympiad.
- Attended workshop on International Conference of Vibration controls and Simulations.
- Attended workshop on Commercialization of Innovative Technologies for National Development.
- Attended seminar of National Instruments (NI)
- Attended a 5-Day Entrepreneurial Boot-Camp
- Attended a 5-Day workshop on SIYB (Start and Improve Your Business)