

MIRZA HASSAN ALI
00971 56 9704396
m.hassanali@hotmail.com
<https://www.linkedin.com/in/mirza-hassan-ali-b72455130/>

OBJECTIVE

Actively seeking for an opportunity in the field of engineering in a reputed company to implement the theoretical and practical knowledge gained by being a Mechanical Engineer.

QUALIFICATION

September 2015 - July 2018	Heriot Watt University UK, Dubai Campus BEng Mechanical Engineering (Honours)
February 2015 - June 2015	Alliance Francaise, Karachi - Pakistan DELF A1
October 2013 - November 2014	Western International College, Ras Al Khaimah - UAE BTEC Level 3 Extended Diploma in Engineering <ul style="list-style-type: none">Graduated with the triple distinction (*) grade.
June 2012 - June 2013	The Oasys School, Karachi - Pakistan O' Levels

WORK EXPERIENCE

July 2018 - August 2018	Arabian Gulf Mechanical Center (AGMC) - BMW, Sharjah UAE Mechanical Engineer Intern <ul style="list-style-type: none">In depth understanding of how the work flows to get the customers satisfaction against their queries/complaints.Trained to perform Pre-Delivery Inspection (PDI) on vehicles.Received hands on training for fast lane services.Assisted experienced technicians with Mechanical and Electrical fault diagnostics, fault reading, fault rectification and replacement of components.Delivered a presentation on 'BMW Efficient Dynamics' to other interns to further expand their knowledge about BMW's technologies and achievements.
August 2017 - September 2017	GECO Mechanical & Electrical, Sharjah UAE Mechanical Engineer Intern <ul style="list-style-type: none">Performed site visits to supervise the installation of fire protection and HVAC systems with senior engineers.Actively involved in practical installation, maintenance and field study.Assisted in quantity take off and estimation for various projects running in MEP and Fire Protection division.
September 2016 - November 2016	Global Food Industries, Sharjah UAE Trainee Mechanical Engineer (Intern) <ul style="list-style-type: none">Effectively delivered reports to engineers after observing the proper working of machinery while performing regular visits to the plant.Managed inventory and assisted in maintaining records of machines calibration history and quality check reports for audit.Helped engineers in fixing the minor interruptions reported to the engineering department.Supervised the workers to ensure proper health and safety measurements are undertaken.

ENGINEERING PROJECTS

- Bachelor's degree final year project: *Investigation and design of mechanical energy storage technology - Compressed Air Energy Storage*.
- Worked efficiently with five Mechanical engineering students to develop a *Swimming Pool Energy Calculator* for pools located in Dubai, UAE.
- Worked in a group of five Mechanical engineering students to build a *Low Cost Robotic Arm*.
- Worked together with five Mechanical engineering students to design a low-cost *Hydropower scheme* for Scottish Highlands
- *Design and optimization of a connecting rod of an Internal Combustion (IC) engine using Finite Element Analysis (FEA)*.

SKILLS

- Solid command in designing mechanical equipment using various engineering software like Abaqus, Creo Parametric, Solidworks. Also, able to design electrical circuits using Multisim and eligible of writing codes using MATLAB.
- Professional in using Microsoft Office.
- Excellent team collaboration skills, able to defend own opinion while working closely with team members to achieve engineering goals and to finish tasks way before the deadline.
- Received hands on training in Health and Safety and Quality Control procedures as a mandatory requirement to work at Global Food Industries.
- Trained for quantity takeoff and estimation during internship in MEP and Fire protection division at GEICO Mechanical and Electrical.
- Languages known:
 1. English - Fluent (Verbal and Written)
 2. Urdu - Native (Verbal and Written)
 3. French - Basic (Verbal and Written)

CAPABILITIES AND PERSONAL ATTRIBUTES

- Able to work independently to complete various engineering assignments and lab reports, task oriented and self-motivated.
- Enthusiasm and dedication for the job, serious attitude towards studies and responsibilities.
- Possess the passion and the willingness to learn, curiosity to learn more and more.
- Potential to adapt to tomorrow's changes, work under stress.
- Possess firm administrative and organizational skills, experience in working with large number of peoples in groups while managing people, tasks and time effectively.
- Flexible to work long hours, able to understand responsibilities and work up until satisfied.
- Good knowledge of accounting and maintaining records also capable of implementing budgeting techniques.

VOLUNTEER WORK

Dar Ul Sukon, Karachi Pakistan

(June 2013 – July 2013)

Dar Ul Sukon is a home of peace and love, a place for special children. I have served there as a volunteer taking care of them and serving humanity. This volunteer work has proven that I can manage many people at once and have shown that I take my responsibilities seriously.

AWARDS AND HONOURS

Participated in World Youth Festival 2012 held in Karachi Pakistan, demonstrated a prototype of *Solar powered DC motor car* and secured second position along with "Young Genius" title.

ADDITIONAL INFORMATION

- Student affiliate member of Institution of Mechanical Engineers.
- References will be provided upon request.