**SADIQ**

# Email: sadiq.388098@2freemail.com

# SUMMARY

# A Mechanical Engineer equipped with various engineering skills, problem solving, researching and team work skills

# Fluency and understanding of various computer programs related to programming and mechanical design

# Interested and willing to learn and apply new engineering and computer skills to new or existing mechanical systems

# EXPERIENCE/PROJECTS

* **Eng. Adnan Saffarini Consultancy**  May-June 2017

*Internship*

My task was to build and design HVAC systems, drainage systems and water supply systems using AutoCAD and HAP software and to manually perform calculations for drainage system design

* **Pneumatic Gas device for Impact testing, Sharjah, UAE**  Jan-Dec 2018

*Team leader and performer*

Designed, built and experimentally tested a prototype of a gas launcher which is used to obtain the mechanical properties of a random sample for material testing

* **Glucose monitoring using Portable Stopwatch, Sharjah, UAE** May 2017

*Team leader and performer*

Researched and participated in a poster presentation for a stopwatch that could portably and non invasively monitor and measure the glucose content of an individual

* **Gearbox design, Sharjah, UAE** May 2017

*Team designer and programmer*

Programmed and successfully designed a complete automobile gearbox containing all the relevant mechanical components using MatLAB and AutoDesk Inventor Software

# PROFESSIONAL SKILLS

**Computer Skills**

* Chide C Language
* MatLAB software
* AutoCAD
* AutoDesk Inventor
* EES engineering software
* LabVIEW
* PSpice
* HAP (Hourly Analysis Program) software
* Microsoft Word, Excel and Power point
* ANSYS

**Design Skills**

* Skilled and experienced in using AutoCAD and HVAC software to design HVAC systems
* Fluent in the design, assembly and analysis of mechanical components using Auto Desk Inventor

**Personal Skills**

* Excellent written and communication skills
* Effective Team player
* Pays strong attention to detail
* Persistent and hard working
* Fluent in Arabic, English and French
* Driver’s License available

# EDUCATION

## AMERICAN UNIVERSITY OF SHARJAH, SHARJAH, UAE

Bachelor’s of Science in Mechanical Engineering (ABET Accredited) 2014-2018

# PERSONAL INTERESTS/ACTIVITIES

# Executive Assistant of Kenyan Cultural Club and Biomedical Engineering Club at AUS

# Active member of ASME (American Society of Mechanical Engineers)

# Personal empowerment, fitness, football, drawing, reading