

Mohamed Salah AlKharraz

PERSONAL INFORMATION

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EXPERIENCE

Design Engineering Internship, Gulf Equipment And Technology (July 2021 — Present).

EDUCATION

B.Sc. in Mechanical Engineering — GPA: 3.49/4
University of Bahrain (2017–2021).

Secondary School Certificate — GPA: 92.2%
Al Muharraq Secondary School (2014-2017).

CERTIFICATES

Machine Learning — 2021
Stanford University - Coursera

Engineering Project Management Specialization — 2020
Rice University - Coursera

The Finite Element Method for Problems in Physics –2020
University of Michigan- Coursera

MEDIC First Aid — 2018

Basics of Arduino — 2014

PROJECTS

Green Cooling Alternative Cycle using Evaporative System with Liquid Desiccant Dehumidification — 2021

- Best Mechanical Engineering Department Project
- Ebrahim Khalil Kanoo Award for Engineering Excellence

5-Speed Manual Transmission Gearbox Design — 2020

- Designed and 3D modeled gears, shafts, keys and bearings.

CV Axle Fatigue Failure Simulation — 2020

- Designed and simulated to withstand fatigue loading

SKILLS

Autodesk Inventor

Autodesk AutoCAD

FEM/FEA analysis

MATLAB

C++, Python

COMSOL Multiphysics

Engineering Equations Solver (EES)

MS Office

INTERESTS

Martial arts Instructor
(1st place Hapkido '15 open champ.)

Reading books and journals

LANGUAGES

English

Arabic

French (Intermediate)

REFERENCES

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