

# Mohamed Salah AlKharraz

## PERSONAL INFORMATION

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<https://alkharraz.gatsbyjs.io/>



## 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

**Dr. Omar Al-Abbasi**  
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University of Bahrain  
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