

Mohamed Salah AlKharraz

PERSONAL INFORMATION

+973 3330 0673 • alkharraz.mohd@gmail.com

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



EXPERIENCE

- AI Engineer and Data Science Intern, Tatweer Petroleum (September 2021 - Present).
- Mechanical Design Engineer Intern, Gulf Equipment And Technology (July 2021 — August 2021).

EDUCATION

- B.Sc. in Mechanical Engineering — GPA: 3.5/4
University of Bahrain (2017–2021).

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 (1st Place)
- 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 / Octave
- C++, Python
- COMSOL Multiphysics
- Engineering Equations Solver (EES)
- MS Office

INTERESTS

- Martial Arts Instructor
- Reading Books and Science Journals

AWARDS

- E.K Kanoo Award for Engineering Excellence
- 1st Place Hapkido '15 open champ.

LANGUAGES

English • Arabic • French (Intermediate)

REFERENCES

Dr. Omar Al-Abbasi

Head of Mechanical Eng. Department
University of Bahrain

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