

RADWAN KAHWAJI

Byblos, Lebanon | +961 70 874694 | radwankahwaji123@gmail.com

EDUCATION:

B.E in Mechanical Engineering

Lebanese American University, Byblos

2020 - present

Expected graduation date: 2024

Baccalaureate in General Sciences

Lebanese Evangelical School Tyre

2018-2020

RELEVANT PROJECTS

Design of 6 cylinder radial engine

2022

- Designed parts of a 6 cylinder radial engine and assembled them using SolidWorks.
- Conducted motion analysis and stress analysis on the engine.

2D heat transfer analysis on a lock

2022

- Main shape represented a simplified design of a lock experiencing certain heat flows and thermal conditions at its boundaries.
- Performed thermal analysis on solid works.

Black and White Sorting Machine

2022

- Worked in a team using LabVIEW and NI myRio to build a sorting machine.
- Project included usage of infrared sensors, resistors, LEDs, servo motors, and other electronic devices.

RELEVANT COURSEWORK

Computer Applications in MEE

2021

- Learned how to write MATLAB programs for Mechanical engineering applications and to use Excel Solver to optimize problems.

Computer Aided Design

2022

- Created a membership site to create, manage, track subscriptions, and sell digital products.
- Made a customizable checkout process to ensure that customers purchase products easily.

Engineering Graphics

2022

- Learned 2D drafting, sketching , dimensions, drawing layouts and presentations. Basic use of a AUTOCAD.

SKILLS:

- CAD: **SolidWorks, AutoCAD**
- Simulation: **MATLAB**
- Visual programing languages: **LabVIEW**
- Detail oriented, fast learner, team player with great communication and leadership skills

References available upon request