

Khodor Kandouli

Mechanical Engineering

A responsible, pro-active, and resilient Mechanical Engineering student seeking opportunities that will help achieve personal milestones in my career. I am currently studying my fourth year of engineering and is ambitious to intern in the field of Mechanical Engineering.

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EDUCATION

Mechanical Engineering

Lebanese American University (LAU)

09/2018 - Present

High School

Eastwood College IB

09/2006 - 06/2018

WORK EXPERIENCE

Solar rack system designer

EcoEnergy

03/2021 - Present

Beirut, Lebanon

Achievements/Tasks

- Design standard rack system for marketing
- Designed custom rack system for Beirut DC
- Solar system installation

Calculus and Physics Tutor

Private

06/2018 - Present

Beirut, Lebanon

Achievements/Tasks

- Assisted university students in their calculus and physics courses
- Prepared Lebanese baccalaureate students for their math and physics official exams

CAD Designer Gallery Production

SimpleFurnitureDesign

08/2020 - 03/2021

Beirut, Lebanon

Achievements/Tasks

- Remodeled all the gallery's furniture catalog on Solidworks
- Modeled any new given design on Solidworks
- Process optimization

SKILLS

CAD/CAM

SolidWork

Matab

Ansys

LabView

Primavera

Homer

JAVA

Python

EES

Simulink

Solar Technology

Html

Manufacturing Lab Machines (CMS machine, etc...)

Microsoft Office

3D printing code

Organization and team work

UNIVERSITY PROJECTS

A full detailed V6 engine drew on SolidWorks (12/2019)

- Modeled a V6 engine using dimensions found on the internet

Budget Ventilator system (05/2020)

- In the beginning of the Covid-19 pandemic, my colleague and I created a hospital ventilation system with its simulation on LabView and designed it on SolidWorks

Laptop heat analysis (04/2021)

- Ansys heat transfer analysis for a laptop

HVAC design for a cruise ship (05/2021)

- Design of an HVAC system for the rooms of a Cruise ship in the Mediterranean sea.

LANGUAGES

English



Arabic



German

