

# Ali Mokdad

Mechanical Engineer

Fast learner.

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Beirut, Lebanon

## EDUCATION

### Diploma, Mechanical Engineering (Energy) Lebanese University

07/2013 - 10/2019

### Lebanese Baccalaureate Al Sabbah Public High School

09/2010 - 07/2013

## WORK EXPERIENCE

### Mechanical Engineering Intern Akeltech

09/2021 - 10/2021

Beirut, Lebanon

Tasks

- Installation of the vending machine designed and developed by the company.

### Part Time Mechanical Engineer FreeLancer

06/2021 - 09/2021

Beirut, Lebanon

Freelance work with a senior Mechanical Engineer

Achievements/Tasks

- Worked on designing a nanopore machine, and assisted in selection of parts and drawing their 2d and 3d designs using SOLIDWORKS
- Designed and implemented a solar system structure
- Installed heavy machines

### Maintenance Technician Tayyebat S.A.R.L

11/2019 - 01/2021

Tyre, Lebanon

Tasks

- Maintained equipment and reported daily incident to manager.
- Led machine maintenance by fixing/replacing damaged parts

### Mechanical Engineering Intern Ghaddar Machinery Co.

07/2018 - 08/2018

Ghazieh, Lebanon

Achievements/Tasks

- Worked on measuring the torque of a motor in order to determine the losses in energy.

## SKILLS

SOLIDWORKS

Autocad

DesignBuilder

C

JAVA

Team worker

Adaptability

Ability to work under pressure

Attention to details

## ACADEMIC PROJECTS

### Designing and Constructing an Efficient Biomass Boiler (04/2019 - 09/2019)

- Worked in a 2 person team to design a biomass boiler that uses biomasses ( willow, switch grass, rice husk... ) to generate energy in form of heat that works as a heating system for a building.
- I was responsible for implementing a program to calculate the efficiency of the boiler for a given biomass.
- Helped in designing the boiler using SolidWorks

### Robotic Arm Controller (03/2019 - 04/2019)

- Programmed a robotic arm using Arduino in a team of 3

## CERTIFICATES

IELTS (03/2021 - 03/2021)

## LANGUAGES

Arabic

Native or Bilingual Proficiency

English

Full Professional Proficiency

French

Elementary Proficiency

## INTERESTS

Control

Energy Production

Software Development