


Mohammad Abou Sleem

A recent graduate in Mechanical Engineering aiming to pursue a masters degree in this field



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Education History



**Bachelor of science in Mechanical Engineering |
Lebanese international University**
2020-2023

- Maintained a high GPA and graduated with distinction
- relevant courses : heat transfer - mechanical systems - engineering ethics - mechanical vibrations. etc.



Physics | Lebanese university (Incomplete)
2019-2020

- gained a better understanding of physics that i later used in mechanical engineering
- Classical Mechanics- Electricity and Magnetism- Quantum Mechanics- Thermodynamics



Lebanese baccalaureate in life Science
2019

Relevant Skills

- problem- solving
- communication skills
- teamwork
- leadership
- time management

Work Experience



Sales Associate at Amasha auto parts
2019 -2022

- Assisted customers in identifying and selecting the appropriate vehicle parts, providing technical expertise and recommendations.
- Conducted diagnostic tests and inspections on vehicle parts to ensure quality and functionality.
- Collaborated with the engineering team to research and source new, innovative automotive components.

Volunteer Work and Affiliations

***shadowing support for children
with autism***
Adduha High School
2018-2020



Private tutoring

Summer 2022- present

- tutored students in {Math , Physics , Biology and Chemistry } from grade 8 to grade 11, helping them improve their understanding and grades.
- Demonstrated patience and empathy in working with struggling students, creating a supportive and comfortable learning environment.

Skills

Engineering Analysis

- Understanding of mathematical concepts and their application to engineering calculations.
- Ability to analyze and solve complex engineering problems.

CAD Software Proficiency:

- Proficiency in computer-aided design (CAD) software such as AutoCAD, SolidWorks, or CATIA.
- Experience in creating and modifying 2D and 3D engineering drawings and models.

Thermodynamics and Heat Transfer:

- Knowledge of principles of thermodynamics and heat transfer.
- Ability to analyze and design heat exchangers and thermal systems.

Fluid Mechanics:

- Understanding of fluid flow and its applications.
- Knowledge of pumps, compressors, and fluid dynamics.

senior project

Solar Tracking System

The project discusses the issue of depleting natural resources to meet energy demands, emphasizing the need for renewable energy solutions like solar power. To optimize efficiency, a solar tracker system is proposed to continuously adjust the orientation of solar panels to follow the sun's movement. Finally, the minimum required thickness for each material used was determined to avoid buckling.

certificates

certificate of participation

Model united nation 2018 -
Lebanese American university

References

availabe upon request