Oussama Y. Toughli

Graduate in Mechanical Engineering & final year Computer Science student with skills in CAD, programming, and simulations. Seeking an opportunity to apply academic knowledge and skills to real-world engineering challenges.

Personal info

Address :

Tripoli – Lebanon

Phone :

009613165351

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Date of Birth :

12-11-1996

Personal Skills

- Communication Skills
- Teamwork
- Time management
- Project management
- Complex problem solved
- Research-focused
- Responsibility

Languages

Arabic

English

French

Computer Skills

1) Microsoft Office:

Word, Excel and PowerPoint

2) Google Workspace:

Google Drive, Docs, Sheets, Calendar, and Gmail.

Programming Languages

Java

C#

JavaScript

Html

CSS / SASS

Education

❖ Bachelor of science in mechanical engineering.	LIU-2019
❖ Master of science in mechanical engineering.	LIU-2021
❖ Bachelor in computer science.	Jinan University-Present

Work Experience

❖ Supervisor at Abo Sohayb Ice-Cream & Juices.	Since 2013- present
❖ Web developer at Mostaqel.	Since 2021- present
❖ Private tutoring.	2020-2021

Certificates

❖ CAD/CAM/CAE for Mechanical Engineering Specialization	Autodesk- 2022
❖ Flight mechanics – the basis	ISAE-SUPAERO-2022
❖ Front-End web development certificate	Hsoub Academy-2021
❖ AI for everyone	DeepLearning.AI-2022
❖ Introduction to Cloud Computing	IBM- 2021
❖ Foundations of Project Management	Google- 2022
❖ Diploma in Philosophy and Research Methodology	Namaa Academy-2021

Projects

SINGLE-AXIS SOLAR TRACKER SYSTEM: Bachelor's degree senior project consist of study the available Solar tracker systems, Evaluate solar tracker systems, Design a solar tracker system suitable to be used in the Lebanon region, Define the main elements that will be used in the solar tracker with justification, Measuring the energy production by steady solar and movable solar, Perform solar tracking using a prototype.

CHARCOAL BRIQUETTE MACHINE: master's degree thesis consist of extensive research about types of similar machines and their components, Choosing the most suitable design to construct the crusher, dryer, briquette press and carbonization furnace, Analytical calculation for different parameters, Design and plan layouts of the proposed device and their mechanical equipment and Cost calculation of the project.

Software

❖ Fusion 360	❖ NetBeans
❖ SolidWorks	❖ SQL Server Management Studio
❖ Autocad	❖ Visual studio code
❖ Matlab	❖ Arduino

References

References available on request.