

Michael S. GHOSN

Maykelghosn330@gmail.com

(+961) 76 598 728

Kousba El Koura, North Lebanon

Linkedin.com/in/michael-ghosn

Mechanical Engineer

Summary

Fresh-Graduate in Mechanical Engineering from the Lebanese International University (LIU). A dynamic and autonomous engineer, I am a professional with experience and knowledge of all the fundamental theories, mechanical principles and tooling concepts needed for the design and assembly to get the best mechanical component with high efficiency, qualified to develop, test various mechanical equipment, tools and create detailed 3D models and drawings. I have good technological knowledge in electronics and programming. I easily perform engineering tasks in planning and designing of tools, motors, machines and other mechanical equipment. I supervise the installation, operation, maintenance and repair of mechanical and electronic equipment.

I communicate effectively with a great ability to work under pressure. I am always ready to learn new technologies. Good time management and organizational person and ability to follow up to meet deadlines. Ability to work and collaborate effectively with colleagues. Attentive to ensuring quality of service and customer satisfaction. Excellent interpersonal skills

Professional Experience

Aug2021- Oct2021

Machining (Internship), SOAL

Chekka, El Batroun, Lebanon

- Doing the machining process with a lathe machine.
- Knowing the different types and all the processes of the lathe machine.
- Operating a lathe machine.
- Manufacturing heavy machines.

2018- 2021

Private tutor, El Koura, Lebanon

- Support students and colleagues, train them for exams and check their projects.
- Teach mechanical courses such as (material mechanics, statics / dynamics, fluid mechanics, thermodynamics, heat transfer, electrical machines, internal combustion engines, etc.), courses in mathematics, physics, electricity and electronics.

June 2020 – September2020

Car mechanics (Internship), El Koura, Lebanon

- Replace all broken or defective parts of the vehicle (Mercedes-Benz), including switches, filters, brakes, spark plugs, engine pistons and electronic components.
- Test and replace the electrical wiring and electronic components of the car.
- Solve all car problems using different types of scanners and configure car electronics.
- Take broken and new mechanical parts of the car to the lathe and check if they are broken and try to fix them, with the ability to weld any two metals.

Skills

Design: Ansys, HAP, SolidWorks, AutoCAD (2-D and 3-D designing).

Programming: MATLAB/Simulink, Java.

Circuit Simulation: LTspiceXVII, PSpice Schematics.

Office Package: M. Word, M. Excel, M. Power Point, M. Publisher, and M. Access.

Graphics Editor: Adobe Photoshop.

Languages: Fluent in English, French and Arabic, and beginner in Spanish.

Education

Oct 2021 – Jun 2023	Lebanese International University (LIU), Tripoli, Lebanon Masters of Science in Mechanical Engineering “first year”.
Oct 2018 – Aug 2021	Lebanese International University (LIU), Tripoli, Lebanon Bachelor of Science in Mechanical Engineering with Distinction, (GPA, 3.7).
Oct 2015 – Jun 2017	Lycée Officielle de Kafaraaka, EL Koura, Lebanon Baccalauréat Français (Série Scientifique, SV).

Projects

BSc. Research and Project, Spring 2020-2021

DESIGN OF A GEOTHERMAL TURBINE, Supervisor (Prof. Mariam Jezzini).

Experiment and Simulations,

Spring 2020-2021:

Design of a Transformer,

Single phase transformer under inductive load, Supervisor (Prof. Ismail Kassem).

Design of a V6 car engine,

Design of all parts of a v6 engine and simulating it using SolidWorks, Supervisor (Prof. Cynthia Ishak).

Spring 2019-2020:

Design of an Adder,

Design of Adder using inverting OP-Amp, Supervisor (Prof. Mohammad Kerdy).

Awards

April 2021	Certificate of Completion, Microsoft Imagine Academy Security Fundamentals.
November 2020	Certificate of Participation, BEIRUT AI / LIU IEEE Introduction to AI.
February 2020	Certificate of Training, ZMERLY Heating Academy The Central Heating System: From a to Z.