

## Maroun K. Ishak

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## 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 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

No relevant experience

### Skills

**Design:** Ansys, 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

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

### Education

<b>Oct 2021 – Present</b>	<b>Lebanese International University (LIU), Tripoli, Lebanon</b> Masters of Science in Mechanical Engineering “first year”
<b>Oct 2018 – Aug 2021</b>	<b>Lebanese International University (LIU), Tripoli, Lebanon</b> Bachelor of Science in Mechanical Engineering with Distinction, (GPA, 3.52)
<b>Oct 2016 – Jun 2018</b>	<b>Baccalauréat Libanais (Science de la vie)   Collège Mar Antonios des sœurs antonines Khaldieh-Zgharta.</b> Baccalauréat Français (Science de la vie, SV)

### Projects

#### BSc. Research and Project, Spring 2020-2021

*DESIGN OF A DOMESTIC BIOMASS HEATING SYSTEM, Supervisor (Prof. Mariam Jezzini)*

#### Experiment and Simulations, spring 2020-2021

1. *Single- phase transformer under capacitive load and no Load), Supervisor (Prof. Ismail Kassem)*
2. **Design of a cannon:**  
*Design of all parts of a cannon and simulating it using SolidWorks, Supervisor (Prof. Cynthia Ishak)*

