

# Hassan Barada

## Mechanical Engineer Graduate

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## Summary

A dedicated and creative Mechanical Engineer Graduate with 1 year of experience in the mechanical engineering industry. Responsible for the effective and successful management of labor, productivity, quality control, and safety measures. Effective leader who performs well in a collaborative environment with clients and coworkers. Adept at streamlining processes, driving sales, and developing employees. Seeking to work in an environment that is conducive to my intellectual, professional, and personal growth, where I can contribute significantly to the growth of the team/organization with strong experience and expertise leading to success.

## Experience

### Mechanical Engineer – 05/2024 to Present

#### CMCCO, Beirut

- Assisted in the design and development of mechanical systems for the Elite Hotel project.
- Supported the engineering team with calculations, system layout, and design validation.
- Collaborated with senior engineers to create detailed design drawings and specifications.
- Conducted research and provided insights on mechanical components and materials.

### Intern – 11/2023 to 12/2023

#### Associated Mechanical Engineers, Lebanon

- Assisted senior engineers in conducting research, analysis, and design tasks related to mechanical engineering projects.
- Participated in engineering meetings, brainstorming sessions, and project discussions to gain exposure to various aspects of mechanical engineering.
- Supported in drafting technical drawings, schematics, and diagrams using computer-aided design (CAD) software under the guidance of experienced engineers.
- Engaged in documentation tasks, including preparing project reports, presentations, and technical documents to communicate findings and project updates effectively.

### Intern – 06/2022 to 07/2022

#### Masco (Middle East Airlines – Air Liban S.A.L.), Lebanon

- Assisted in conducting research and analysis related to aviation industry trends, market dynamics, and customer preferences.
- Supported in coordinating and organizing operational activities, including flight scheduling, crew management, and aircraft maintenance planning.
- Collaborated with different departments within the company to streamline processes, improve efficiency, and ensure smooth operations.
- Assisted in preparing reports, presentations, and documentation for internal and external stakeholders, including regulatory agencies and partners.
- Participated in training sessions, workshops, and meetings to gain exposure to various aspects of the airline industry and develop professional skills.

### Intern – 02/2022 till 03/2022

#### 3D Maker Shop, Lebanon

- Assisted in designing and creating 3D models using computer-aided design (CAD) software and 3D printers.
- Supported in the operation and maintenance of 3D printers, including troubleshooting technical issues and optimizing printing parameters.
- Collaborated with team members to brainstorm and develop innovative 3D printing projects and products.
- Aided in the management of inventory, including tracking supplies, materials, and equipment related to 3D printing.
- Participated in customer interactions, providing assistance and guidance on 3D printing services, techniques, and product option.

# Education

**Bachelor's Degree in Mechanical Engineering** – 2022  
Beirut Arab University, Lebanon

# Certifications

**Plumbing Systems Design**, Arab International Academy – 2024  
**HVAC Design and HAP**, Arab International Academy – 2023  
**Mechanical Shop Drawing**, Arab International Academy – 2023  
**Revit MEP**, Arab International Academy – 2023  
**Design of Firefighting Systems**, Center for Continuing and Professional Education – 2021  
**Design, Operation, and Maintenance of Swimming Pools and Water Features**, Center for Continuing and Professional Education – 2021

# Skills & Expertise

<ul style="list-style-type: none"><li>• Leadership &amp; Team Management</li><li>• Communication &amp; Negotiations</li><li>• Problem Solving</li><li>• Strategic Planning</li><li>• Adaptability</li><li>• Planning &amp; Organization</li><li>• Data Analysis</li><li>• Time Management</li></ul>	<ul style="list-style-type: none"><li>• Decision Making</li><li>• Microsoft Office</li><li>• Emotional Intelligence</li><li>• AutoCAD</li><li>• Revit</li><li>• HAP</li><li>• MATLAB</li><li>• Solid works</li></ul>
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# Languages

**Arabic | English | French**