

Hassan Barada

Mechanical Engineer Graduate

Address: Beirut, Lebanon | **Phone:** +961 76 816 809

Email: hassanbarada2000@gmail.com | **Nationality:** Lebanese

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

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.
- Assisted in performing tests, experiments, and simulations to evaluate the performance and functionality of mechanical systems and components.
- 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

- | | |
|--------------------------------|--------------------------|
| • Leadership & Team Management | • Decision Making |
| • Communication & Negotiations | • Microsoft Office |
| • Problem Solving | • Emotional Intelligence |
| • Strategic Planning | • AutoCAD |
| • Adaptability | • Revit |
| • Planning & Organization | • HAP |
| • Data Analysis | • MATLAB |
| • Time Management | • Solid works |

Languages

Arabic: Native | **English:** Fluent | **French:** Fluent