



Hasan Ibrahim

Mechanical Engineering -track : Production system Engineer

Motivated Mechanical and Production Engineering graduated with a strong academic foundation. Seeking job opportunity to apply technical skills in energy/automotive engineering. Eager to contribute to real-world projects and further professional development.



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Milan, Italy



11 November, 2001

SKILLS

Engineering software:
Autocad, Solidworks

Programming languages: C,
Matlab, HTML.

Microsoft office: Word,
Excel, Power Point

LANGUAGES

English
Professional Working Proficiency

French
Professional Working Proficiency

Arabic
Native or Bilingual Proficiency

Italian
Elementary Proficiency

SOFT SKILLS

Communication Skills

Teamwork

Time Management

Discipline/ Adaptability
Skill

Multi-tasking

Leadership Skills

Problem Solving

Autonomous

EDUCATION

Masters of Science in Mechanical Engineering - track : Production system Engineering

Politecnico di Milano

10/2022 - 10/2024

Milan, Italy

Courses

- Energy Systems; Machine design; Metallurgy; Control and actuating devices for mechanical systems; Design and management of production systems; Data analysis for mechanical measurements and systems; Integrated manufacturing systems; Advanced manufacturing processes; Industrial risk management; Logistics management

Bachelor in Industrial and Maintenance Engineering

Lebanese University - Faculty of Technology

09/2019 - 09/2022

beirut, Lebanon

Courses

- Mechanical design; Thermodynamics; Fluid mechanics; Machines & electric actioners; Materials technology and control; Thermal machines; Production management; Production & distribution of electrical energy; Electrical, mechanical & thermal maintenance; Unit operations; Renewable Energies.

WORK EXPERIENCE

Master Thesis : optimizing batch sizing and scheduling in manufacturing

Politecnico di Milano

03/2024 - 10/2024

Milan, Italy

Achievements/Tasks

- The thesis was focusing on developing and implementing models to determine optimal batch sizes and efficient scheduling strategies. The goal is to enhance productivity, reduce production costs, and improve resource utilization by minimizing downtime and optimizing manufacturing processes.

Internship

Électricité du Liban

07/2020 - 08/2020

Zahrani, Liban

Achievements/Tasks

- Site supervision and observation of mechanical process for electricity generation
- Assisting mechanical engineers in trying to find solutions to problems that were occurring in thermal power plants. This involved checking, repairing and maintaining machinery, systems and infrastructure.
- Ensure that machinery and industrial equipment operate properly and reliably; the work involved planning and carrying out scheduled maintenance.

Technician internship

Peugeot- Lebanon

06/2019 - 08/2019

Beyrouth, Liban

Achievements/Tasks

- Basic maintenance carried out on different models and examination of cars before and after repair with the company's mechanical engineer.
- Work on the dismantling of automatic and manual gearboxes and the detection of their defects.
- Learn to use the Peugeot scanner for the detection and diagnosis of electronic faults.

EXTRA-CURRICULAR ACTIVITIES

Leadership Constitutional Educational Academy (10/2017 - 06/2018) (10/2017 - 06/2018)

SKOUN-Lebanese addiction center (Non-profitable organization for health) (01/2017 - 06/2017)

Lebanese Red Cross (Social work- Volunteer)