

Maysam BouRafeh *Industrial Engineer*

✉ maysambourafeh904@gmail.com

☎ 71 978 501

📍 Hlalieh Mount Lebanon

📅 28/4/2004

🇱🇧 Lebanese

♀ Female

Profile

Detail-oriented Industrial Engineering student with strong interest in data analytics, process optimization, and digital transformation. Seeking an internship opportunity to leverage skills in Python, RStudio, MATLAB, and statistical analysis to support data-driven innovation and operational excellence.

Education

10/2023 – 01/2027 **Bachelor of Science In Industrial Engineering**

Beirut, Lebanon *Lebanese International University*

Relevant CourseWork:

- Operations Management
- Production Planning & Control
- Quality Control
- Engineering Statistics & Probability
- Supply Chain Management
- Work Study & Ergonomics
- Manufacturing Processes
- Design of Engineering Experiments
- Inventory Control

10/2020 – 07/2023 **Baccalaureate Degree (Life Science)**

Aabadieh Official Secondary School

09/2016 – 06/2020 **Aabadieh Official School**

Experience and Projects

University Project: ANOVA Statistical Analysis Project

Lebanese International University_Fall 2026

- Performed an ANOVA study to analyze multiple data groups
- Utilized Minitab and RStudio to analyze data and determine the significance of the statistical data
- Results used to make data-based conclusions and recommendations

University Project: Automated Car Wash System

Lebanese International University_Spring 2025

- Created and designed a prototype of an automated car wash system with a focus on industrial, mechanical and automation engineering.
- Selected technical components based on performance, cost and durability considerations.
- Collaborated with a group of 5 engineering students to manage project timelines, tasks and presentations

University Project: Smart Home Security System

Lebanese International University-Spring 2024

- Designed and created a smart home security system that contains motion sensors, alarm triggers and cameras.
- The elements were selected according to the system requirements like reliability and expense.
- The team was consisted of 3 engineering students to debug hardware and software issues and to create the system in a professional and manageable way.

Skills

Technical Skills and Software

MATLAB - basic engineering modeling and problem solving

Python - basic programming and data analysis

Minitab - basic statistical analysis and quality tools

RStudio - introductory data analysis and hypothesis testing

Visio Project - project planning and scheduling

Microsoft Excel - formulas and data organization charts

Microsoft Word & PowerPoint - technical reports and presentations

Soft Skills

- Willingness to learn
- Teamwork and collaboration
- Effective time management
- Effective communication
- Flexibility and professionalism

Languages

- English
- Arabic

References

Available upon request

Analytical and Engineering Skills

- Process analysis and improvement
- Problem-solving and critical thinking
- Data interpretation and analysis
- Attention to detail
- Understanding of industrial systems