

MUHAMMAD ALGHALAYINI

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EDUCATION

Aug 2019 – Dec 2023 **Bachelor of Engineering Industrial Engineering**
Lebanese American University (LAU) Byblos, Lebanon

WORK EXPERIENCE

Sep 2023 – Dec 2023 **Student Employee**
Lebanese American University Byblos, Lebanon
Assisted in the Industrial and Mechanical Engineering Department office.

Jun 2022 – Aug 2022 **Business Consulting Intern**
ADVI Consulting Tunis, Tunisia
Collected, visualized, and analyzed data from surveys.
Developed proposal offers to request projects and conducted research on specialized topics.

Dec 2021 – Jan 2022 **Manufacturing Intern**
Itani Company for Industry & Trade s.a.r.l Chouaifet, Lebanon
Planned delivery quantities based on production forecasts and designed heat exchangers using AutoCAD software.
Determined quality metrics for all production processes.
Monitored the production sequence and reported on failures.

Aug 2021 - Sept 2021 **Manufacturing Intern**
Industrial Metal Packaging s.a.r.l Naameh, Lebanon
Detected the quality of products after production, discovered and eliminated bottlenecks in production.
Identified root causes of defects in products.

RELEVANT COURSEWORK

Feb 2023 – Jun 2023 **LAU Business Case Competition (6th Edition)**
Won second place in Leo Burnett's business case on improving tourism in Lebanon, ranked third place in the EY Parthenon case by suggesting a European country to enter, and reached the qualifying business case of MSD about opening a new pharmaceutical factory.

Sept 2022 – May 2023 **Final Year Project (INE 592) (Rehabilitation of a Public School in Byblos)**
Analyzed the current state of the school building, optimized the location of departments according to local and international standards, and developed drawings of the floors using AUTOCAD software.

Nov 2022 – Dec 2022 **Advanced Statistics Project (INE 340)**
Collected data and analyzed the observations using the Analysis of Variance (ANOVA) method.

Nov 2021 – Dec 2021 **Quality Control Project (INE 442)**
Gathered the critical quality characteristics, and constructed charts and process capability of items.

SUMMARY OF MEMBERSHIPS & HOBBIES

Sept 2022 – Jun 2023 Member of the Logistics and Event Management of the Hult Prize Program at LAU Byblos

Sept 2019 – Sept 2022 Member at "I in Ethics Club"

Aug 2019 – Present Member at "Institute of Industrial & Systems Engineers" (IISE)

SKILLS SUMMARY

Technical: Data Analytics, R language, MATLAB, MS Office, AutoCAD, Lingo, Arena, Minitab

Soft: Leadership, Communication, Management, Continuous Learner, Team Player, Research, Organization

Language: Arabic (Native), English (Fluent)

CERTIFICATIONS

Dec 2022 Dean's Honor List of the School of Engineering – LAU

Dec 2022 Budgeting and Scheduling Projects – Coursera

Jun 2021 SQL for Beginners Data Analysis – Udemy

Jan 2021 Organizational Development Bootcamp – Reach Academy

Jan 2021 Finance for Non-Finance Professionals – Coursera

Dec 2020 Project Management: The basics for Success – Coursera