

MYRIAM ABBOUD

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EDUCATION

American University of Beirut | Bachelor of Engineering in Chemical Engineering

Aug 2021 – Dec 2025

- Nizam Chammas Scholarship
- Abdul Ghani and Inayat Hammour Endowed Scholarship

EXPERIENCE

Quality Control and Maintenance Intern | PepsiCo, S.M.L.C.

Beirut, Lebanon

June 2024 – Aug 2024

- Maintained strict quality standards for over 15,000 units/day, ensuring product consistency and minimizing defects.
- Performed daily quality tests such as Brix, CO₂, and pH on 5 beverage lines, ensuring compliance with ISO 22000.
- Proposed improvements for cooling systems and boilers to improve energy usage by 10-20% and system efficacy.

Student Senior Consultant | 180 Degrees Consulting Club

Beirut, Lebanon

Jan 2022 – May 2024

- Conducted benchmarking, market analysis, and strategic planning for an event organized by INSEAD called “Women in Business” dedicated to women in leadership positions.
- Implemented a fundraising strategy that enabled “Smile in a Box” to secure \$15,000 in donations.
- Partnered with an NGO called “Soul Park” to pitch sustainability community project supporting disabled people and dogs; conducted fundraising, benchmarking, and strategic idea generation.

Sustainability Engineer Intern | MEDCO SAL

Beirut, Lebanon

June 2025 - Aug 2025

- Benchmarked sustainability-focused practice across 10+ industry reports to align MEDCO's 5 UN SDGs contributing to a roadmap that reduces energy by 10%.
- Designed recycling improvement initiatives for 15+ service stations such as RVMs, enhanced bin storage, and employee-led sorting programs.
- Contributed to the preparation of 6 QHSE reports and supported sustainability presentations.

Process Engineer Intern | Uniterminals

Beirut, Lebanon

May 2024 –Aug 2024

- Gained exposure to oil and chemical plant operations, monitoring equipment handling and production safety procedures.
- Participated in inspections of storage and transfer systems, ensuring compliance with industry safety standards.
- Assisted in documenting maintenance observations to support predictive safety reporting.

EXTRACURRICULAR

Math and Physics tutor | YMY agency and Freelance

Beirut, Lebanon

Jan 2023 – May 2024

- Prepared students for exams and assignments by creating practice exercises, reviewing lessons, and reinforcing problem-solving strategies.
- Tutored high school and university students in mathematics and physics, simplifying complex concepts and tailoring explanations.

SKILLS

Technical skills: Aspen HYSYS, MATLAB, Python, AutoCAD, Excel, Microsoft Office, Simulink.

Soft skills: Communication, Critical-thinking, Leadership, Organized, Teamwork, Analytical-thinking, planning, reporting.

Languages: English (fluent), Arabic (fluent), French (fluent).