

MYRIAM ABOUD

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EDUCATION

American University of Beirut Bachelor of Engineering in Chemical Engineering	<i>Aug 2021 – Dec 2025</i>
- Nizam Chammas Scholarship - Abdul Ghani and Inayat Hammour Endowed Scholarship	

EXPERIENCE

Quality Control and Maintenance Intern <u>PepsiCo, S.M.L.C.</u>	<i>Beirut, Lebanon</i>	<i>June 2024 – Aug 2024</i>
• Maintained strict quality standards for over 15,000 units/day, ensuring product consistency and minimizing defects. • Performed daily quality tests such as Brix, CO ₂ , 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 <u>180 Degrees Consulting Club</u>	<i>Beirut, Lebanon</i>	<i>Jan 2022 – May 2024</i>
• 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 <u>MEDCO SAL</u>	<i>Beirut, Lebanon</i>	<i>June 2025 - Aug 2025</i>
• 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 <u>Uniterminals</u>	<i>Beirut, Lebanon</i>	<i>May 2024 – Aug 2024</i>
• 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 <u>YMY agency and Freelance</u>	<i>Beirut, Lebanon</i>	<i>Jan 2023 – May 2024</i>
• 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).