



PROFESSIONAL SUMMARY

A result-driven, goal-oriented Chemical Engineering student with a keen interest in renewable energy, sustainable industries, and cutting-edge technologies. Adaptable and thrives when working independently in concert with being an affable team player, and a meticulous worker.

My approach merges efficacy and effectiveness to achieve optimized results. A fast learner with an open mind, a natural communicator, and a stellar listener.

EDUCATION

Holy Spirit University of Kaslik (USEK)
Bachelor of Engineering – Chemical Engineering

- ABET Accredited (Accreditation Board for Engineering and Technology)
- Life Lebanon Scholar

The LIFE Scholarship empowers outstanding students and provides them access to the best education to achieve their aspirations.

Kaslik, Lebanon
September. 2019 – Present

September 2022 – Present

Lebanese University
Bachelor of Science – Political Science

- HCÉRES accredited (High Council for Evaluation of Research and Higher Education)

Jal Ed Dib, Lebanon
November. 2020– Present

Sisters of the Holy Hearts High School - Collège des Sœurs des Saints Cœurs
Lebanese Baccalaureate II – Life Sciences

Bikfaya, Lebanon
July 2018

PROFESSIONAL MEMBERSHIPS

- AIChE ESC** – Executive Student Committee – Regional Liaison (Middle East) September 2023 – Present
- IChemE** – Institution of Chemical Engineers – Member November 2023 – Present
- AIChE** – American Institution of Chemical Engineers – Member September 2019 – Present
- NSPE** – National Society of Professional Engineers – Member August 2022 – Present

PROFESSIONAL EXPERIENCE

Water Treatment Engineering Intern
As part of the USAID-funded WSC program - Rafco

January 2023– February 2024

- Completed the following project “Multi-stage RO Plant Design and LCA”

Quality Control and R&D Intern

December 2023– January 2024

BMA Paints S.A.L. (ISO 9001:2015 and OHSAS 18001:2007 Certified – BID Quality Award N.Y.)

- Executed quality-control tests and processes for raw materials, finished products, and competing products.
- Participated in root cause analysis and resolution of nonconforming products. Contributed ideas to address quality issues. Familiarized with ASTM and ISO standards.
- Formulated test paint batches using raw materials to evaluate properties and performance. Gained hands-on experience with paint-making processes. Developed innovative paint formulations utilizing novel pigments, resins, and additives to improve durability, coverage, and aesthetics.

Assistant Project Engineer

August 2022– October 2022

Uniterminals S.A.L. (Uniterminals markets petroleum products to wholesale buyers in Lebanon with a market share reaching 43.9%. It owns and operates a petroleum product storage terminal with a capacity of 74,000 cbm.)

- Followed and mastered the daily tasks of the terminal manager, safety engineer, and maintenance engineer in the terminal. Measured daily tank capacities and monitored the delivery of gas carriers and tankers. Learned the way gas tankers are parked, connected to shore, and emptied.
- Studied the terminal’s safety processes and revised them, ensuring a smooth operation of over 100 tankers a day while prioritizing the welfare of the employees and visitors of the terminal.

CORE SKILLS

Aspen Plus/ HYSYS	Project Management	Photoshop 2021	EDraw Max
MATLAB	Office 365/ Google Workspace	Illustrator 2021	Adobe Creative Suite
AutoCAD	Design Thinking	InDesign 2021	SEO Marketing

LANGUAGES

English (Proficient); French (Proficient); Arabic (Native)