

Reem Mikati

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PROFILE

- I am a chemical engineer with a B.E. Degree obtained from AUB with distinction, seeking a position where I could apply my gained knowledge in thermodynamics, fluids engineering, transport phenomena, separation, and process instrumentation.
- My aim is to develop professional skills across the various stages of the engineering process (chemical product design, process synthesis & optimization, process control, reaction engineering, etc.)
- I'm adapted to doing research and lab work as well as ensuring the applicability of operations procedure for processes. I am also experienced in drafting business cases that layout projected scenarios, revenues, costs and risks for proposed projects or enterprises.

EDUCATION

2017 — 2021 **B.E. in Chemical Engineering , American University of Beirut** Beirut
Graduating GPA: 3.7/4 (with Distinction)

INTERNSHIPS & EXPERIENCE

Jun 2021 — Aug 2021 **Engineering Intern, HYPCO, Cojico Terminals** Jiyeh

- Ensured that the operations procedures are applied within the terminal. Assigned to sample the fuel, measure the liquid level in the tank, and attend the loading/discharge of the product from the vessel to the tanks and vehicles.
- Performed technical and economical comparison for different projects & ensured that the terminal complied to the most recent safety guidelines based on the governmental decree.

May 2020 — Jul 2020 **Engineer Intern, Humanitarian Engineering Initiative, AUB** Beirut
Designed a sustainable prototype to increase water availability and access for WASH purposes while mitigating hygiene related health risks within informal settlements in Bekaa, Lebanon during the COVID-19 pandemic.

Feb 2020 — Mar 2020 **Lab Assistant, Department of Chemical Engineering, AUB** Beirut
Worked in labs to perform certain experiments, maintain lab equipment, process samples, classify results, and record findings.

Feb 2020 — Mar 2020 **Research Assistant, Department of Chemical Engineering, AUB** Beirut
Conducted a research with Professor Alissar Yehya studying image processing to estimate the rate of micro-crack healing in fractured rocks using specialized programs.

SKILLS

Leadership & Teamwork	Microsoft Excel
Effective Time Management	Microsoft PowerPoint
Critical Thinking	Aspen HYSYS
Matlab	AutoCAD

EXTRA-CURRICULAR ACTIVITIES

- Team leader of the graphic design cabinet in the AICHE- American Institute of Chemical Engineers.
- Team Leader of the Safety Team in AUB Outdoors. Held a vital role in the Logistics team to coordinate the work of the rest of the members.
- Established a non-profitable organization “*Warm Hearts*” that collects clothes and food for the need living harsh conditions based in Bekaa, Lebanon.
- Tutored students on various scientific subjects in The International School of Choueifat.

LANGUAGES English Highly proficient Arabic Highly proficient

HOBBIES Drawing, Painting, Reading, Dancing, and Singing.