

Elsa C. Wakim

Nahas Building, Pierre Helou Street, Baabda, Lebanon

Phone Number: +961 70 367471

Email Address: wakimelsa@gmail.com

EDUCATION

2014 – 2018	American University of Beirut, Lebanon <ul style="list-style-type: none">B.E. in Chemical EngineeringGraduating GPA: 3.3/4.0Listed on the Dean's Honor List for Fall 2017
Feb 2016 – May 2016	Natural Resources for Sustainable Development (SDSNEDU): <ul style="list-style-type: none">The Fundamentals of Oil, Gas and Mining Governance (84/100) <i>The course is designed by Columbia University, the World Bank, the United Nations and NRGI</i>

WORK EXPERIENCE

Jun 2017 – Jul 2017	Intern, Medco S.A.L <ul style="list-style-type: none">Worked with a team of three people on the design and the construction of a new gas station in Choueifat, Lebanon, including a feasibility study in terms of infrastructureTested the validity of products against required standards set by Chevron
May 2016 – Present	Private tutoring <ul style="list-style-type: none">Assisting high school students in scientific subjects such as mathematics, physics and chemistry, resulting in 70% academic improvement
Jan 2016 – Feb 2016	Intern, 114 Amatoury, Lebanon <ul style="list-style-type: none">Contributed in the preparation of a new shampoo recipeAbetted in the shampoo, shower gel and perfume manufacturing processesDistributed shampoo samples to a sample of 30 people, including a questionnaire to test their feedback, then compiled the latter to develop key insights on the product's quality
Jan 2016 – Feb 2016	Intern, Lebanese Oil and Gas Initiative (LOGI) <ul style="list-style-type: none">Built a database based on extensive research done on specified databases to accumulate articles and reports written on Lebanon's oil and gas industry

PROJECTS

Sept 2017 – May 2018	Final Year Project – H₂ Production from Algae Grown in Waste Water (ranked 2/10) <ul style="list-style-type: none">Designed a process that produces biohydrogen from algae grown in waste water (by Sulfur Starvation technique, Anaerobic Digestion, Reforming, etc.)Performed a profitability analysis on the plant
Jan 2016 – April 2016	IBDAA Competition – #WeAimForABetterLebaneseCropOutput <ul style="list-style-type: none">Designed a portable spectrophotometer that detects and quantifies the nitrates in Lebanese soil using Arduino

EXTRACURRICULAR

Dec 2016 – Jan 2017	Volunteer in the Philippines , International Volunteer HQ (IVHQ) <ul style="list-style-type: none">Taught students English and Mathematics in an underprivileged school in Aborlan
Sep 2016 – Sep 2017	E3 Student Representative , American Institute of Chemical Engineers, AUB Student Chapter <ul style="list-style-type: none">Elected to represent all the class of 2018 majoring in Chemical EngineeringAwarded AIChE Outstanding Student Chapter for the year 2016-2017, in Minnesota
2014 - Present	Scouts Team Leader , Association des Guides du Liban <ul style="list-style-type: none">Organizing camps and volunteering work for 35 girls aged between 12 and 15 years
Oct 2014	Participant in Borderlands eco-adventure , Nepal <ul style="list-style-type: none">Developed problem solving and leadership skills through daily gamesParticipated in activities such as canyoning, rafting, and hiking in the Himalayas

SKILLS AND INTERESTS

Languages <ul style="list-style-type: none">Fluent in spoken and written Arabic, English, and French, and basic in Swedish
Computer skills <ul style="list-style-type: none">Microsoft Office, Matlab, LabVIEW, C++, AutoCAD, Aspen HYSYS, Aspen Plus
Interests <ul style="list-style-type: none">Swimming, rugby, athletics, ballet, reading, music, volunteering, travelling