

## Academic Background

### American University of Beirut (AUB)

Bachelor of engineering in Chemical Engineering, prom 2020  
Placed on the Dean's Honor List during Fall 2019/2020

2015-present

07/2015

### College Louise Wegmann (Beirut)

Graduated with a French Scientific (Mathematics option) baccalaureate earned with distinction.

## Professional Experience

### Pharaon Healthcare (pharmaceuticals and medical)

- Worked in the quality assurance department where I filled and checked SOP's and made checklists used for auditing.
- Did a presentation that was used during a training.
- Amended quality checked documents for review and filled regulatory compliance forms.

06/2018

### Tutoring

- One-on-one High school student tutoring (Mathematics, Chemistry and Biology).
- Learned to work in a self-directed environment and developed effective time managements skills in order to satisfy my students' needs.

2016-present

### University of Limerick, Ireland (Research)

- Worked on a project which investigated the extraction of novel lipid molecules from macro algae.
- Developed a methodology for optimizing the extractions, examining the effect of macro algal species and solvent type on the yield and chemistry of the lipids. These lipids will form the basis of formulations to be used in commercial cosmetic products.

06-07/2019

### INDEVCO (PACT Polymer Application Center for Technology)

- Worked in the research and development department where I learned about different types of polymers and how they use them to produce packaging, and films.
- Worked in the quality control center at Masterpack, where I tested the different products that were being produced.

08/2019

### AUB (Student Work Study Program)

- Worked as a research assistant with Dr. Mahmoud Al-Hindi, on wastewater treatment.
- Tested the removal of pharmaceuticals from wastewater using nanofiltration membrane.

01-05/2020

### BOECKER Germ Control Intern

- Working on projects to help clients face the COVID-19 crisis by giving them a detailed plan on how to act during this period as well as services to disinfect their buildings, cars, ...
- Updating and writing standard operating procedures (SOP's).
- Doing some research to come up with new products or to improve the ones that are already being sold.

06/20-present

## Extra-Curricular Activities

### AUB Outdoors

- Part of the offline marketing team.
- Contributing in creating and building the campaign.

02/20-present

### SSEA Club (Students for Sustainable Energy for All)

- Member of SSEA club in AUB. Part of the production and outreach team.
- Working on making animated videos to encourage sustainability.
- Organizing fundraising events and working on campaigns and collaborations to promote sustainability.

09/18-present

### Order of Malta (NGO)

- Participated in camps and events for disadvantaged children and disabled people.

2018-present

### Goethe Institute Berlin

- Took intensive German courses.
- Lived in Berlin with a host family which helped me practice my German and discover a whole new culture.
- Interacted with students from all over the world.

07/2018

### IBDAA competition

- Developed with a team a small portable device that detected using a mobile application the purity of ice cubes in restaurants.
- Learned and did in a short amount of time how to develop a mobile application.

04/2018

### IBDAA competition

- Researched and worked with a team on developing a biodegradable plastic from banana peels.
- Made in the lab a biodegradable plastic from banana that lasted 1month.

04/2019

## Skills and Interests

**Languages:** Fluent in French, English and Arabic. A.1 Level in German.

**Office skills:** Microsoft Office (Word, PowerPoint, Excel).

**Programming skills:** C++, MATLAB, HTML, Java, JavaScript, AutoCAD, Aspen Hysys, Hysys, Python.