

Nourhan Mheidly

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Objective

Looking for a job related to chemical engineering field where I can put my analytical skills into practice.

Educational Background

From 09/2018 to present

American University of Beirut

Masters of Chemical Engineering

Expected date of graduation: Summer 2020

GPA: 3.7/4

From 09/2013 to 12/2017

American University of Beirut

Bachelor of Chemical Engineering

Date of graduation: December 2017

GPA: 3.63/4

From 09/2010 to 6/2013

Mashghara Official High School

Lebanese Baccalaureate in Life Science

Excellent Standing (Ranked the first over the Bekaa region)

Work Experience

From 09/2018 to Present

Teaching Assistanship

- Assisted in teaching the use of Labview software linked to robotics for introduction to engineering course
- Instructed the continuous stirred tank reactor experiment for Unit operations lab course.

From 07/2017 to 08/2017

Internship at Gandour Company

- Implemented work instructions and cleaning work instructions for the convenient usage of the machine
- Participated in the waste minimization strategy in the wafer line.

From 06/2016 to 07/2016

Internship at Algorithm Company

- Ensured that the control conditions of machines are met.
- Contributed in the production of Cyclovex medicament.
- Assisted the wet granulation method.

From 05/2016 to 06/2016

Internship at Debbane Frères S.A.L

- Assisted the mixing operation of products.
- Ensured specific control conditions.

Projects Accomplished

- Thesis**
Occurrence and fate of pharmaceuticals in water compartments (not completed yet).
- Analytical and instrumentation chemistry for chemical engineering**
Ammonia Detector: Designed a sensor to detect the presence of ammonia in Lebanese bread/Completed **IBDAA** competition certificate.
- Chemical Process Design**
Kidney Stone Detector: Designed a detector for kidney stone presence in the urine.
- Final Year Project 1 and 2**
Ammonium Nitrate Synthesis: Implemented a simulation plan for ammonium nitrate synthesis from natural gas as feedstock (1), Conducted a control and optimization study (2)(Graded 91/100).

Skills

Computer Skills: MS Word, Excel, PowerPoint, Access, Internet use, AutoCad, Aspen Hysys/Plus, Labview.

Languages: Fluent in English and Arabic. Good in French.

Soft skills: Assisted in leadership and problem solving trainings.

Activities and Membership

- Implemented a community based project on promoting agriculture sustainability.
- Member in the **Children Cancer Center**.
- Member in **NASMA** institution.

References Available Upon Request