

# Tarek Hatoum

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## Objective

Seeking an entry level consulting position with Euromena Consulting, where my excellent problem solving, and analytical thinking skills can be successfully utilized. I am versatile, organized and eager to experience the work environment at your company.

## Education

**Bachelor of Engineering** | *American University of Beirut (AUB)* *Sept. 2015 - present*

- Major: Chemical Engineering; Course work includes: Process design, safety, optimization, control, and chemical product design.
- Major GPA: 3.26/4.0
- Graduation Date: June 2019

## Internship History

**Hikma Pharmaceuticals, | Amman-Jordan** *1 July – 27 Aug 2018*

- Participated in the current good manufacturing practices (CGMP) training, and plant safety sessions.
- Presented a cost reduction study for one of hikma's active ingredients manufacturing orders.
- Gained valuable experience at the quality control, production, and maintenance departments.
- Redesigned the piping networks that supply the production facilities with heated and chilled brine.

**Sevenplast, | Beirut-Lebanon** *Jan 2018*

- Confirmed that the quality of products complies with the company standards.
- Measured production rates for Master Batch and PVC lines.
- Performed a safety, health, and environmental analysis for the plant in preparation for an audit.

## Competitions & Prizes

**HULT: Entrepreneurship Competition - AUB** *Jan 2018*

- Won first prize for the proposal and design of a hydroponic water treatment plant in Lebanon.

**IBDAA Competition: PAH detection in fish tissue - AUB** *April 2017*

- Identified the level of polycyclic aromatic hydrocarbon present in marine-based food to determine their edibility.

## Research

**Research: Pharmaceutical Adsorption - AUB** *Sept 2017*

- Tested the adsorption of certain pharmaceuticals to activated carbons made from date and olive pits.
- Analyzed the surface area/porosity of the pits using BET method.
- Synthesized activated carbons from the date pits at different variables (temperature, time...)

**Research: Hydrophobic Dyes in Surfactant Solutions - AUB** *May 2015 – July 2015*

- Tested the solubility of curcumin in different surfactants such as DTAB.

## Extracurricular Activities

• A member in the American Institute of Chemical Engineering (AICHE). *Fall 2015 – Present*

• Participated in RED CROSS first aid training. *Spring 2017*

• Participated in AUB Outdoors construction team. *Spring 2016 and Spring 2017*

## Skills & Abilities

### Languages

- ARABIC – *Native*; ENGLISH – *Fluent*

### Computer Literacy

- Proficient with Python, ASPEN HYSYS, ASPEN PLUS, MATLAB, LabVIEW, JAVA, AutoCAD, and Microsoft Office Suite.

### Communication

- Proposal and technical report writing, drawing technical plans, and public presentations.