ABIR MAALOUF

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Job Objective

Seeking a job as a **chemical engineer** and/or **consultant** in order to utilize my capabilities and benefit the firm.

Education

Sept 2015 - June 2019	**American University of Beirut** GPA: **3.86/4** or **88/100**
	Bachelor of Engineering in Chemical Engineering
Oct 2000 - June 2015	**Saint Joseph School - Cornet Chehwan**
	Lebanese Baccalaureate
	General Sciences Section (GS)

Work Experience

June 2018 - July 2018	Internship at **Sicon Oil & Gas, Italy (Member of CCC Group)**

- Overview of chemical engineering procedures and activities.
- Overview of pipeline systems - steady state and transient analysis (training on Pipelinestudio).
- Fire water network - spreadsheet development (Excel, Visual Basic, Matlab).

Projects

Sept 2018 - May 2019	Production of **Formalin from Biomass**

- Designed the process of the formation of methanol from biomass using Aspen Plus, and then the transformation of methanol to formalin using Aspen Hysys.

Jan 2017 - May 2017	**JBDAA** Competition

- Invented a **pothole detector** device in which a LED lights and a buzzer produces an alarmic sound after spotting a pothole.

Awards

- Certificate of Participation in The Wargame 2019, a business case simulation by **Booz Allen Hamilton** (May 2019)
- **Dean's Honor List** throughout my full academic years at AUB (Fall 2015 till Spring 2019)
- **Valedictorian Award** at the School's graduation ceremony (May 2015)
- Participant Certificate for the Successful Completion of the **"OLED WORKSHOP"** (April 2014)

Activities

- Managed the **social media** of Guanabana Beach Resort. (June 2019 - Present)
- Joined the club of the American Institute of Chemical Engineering. (Sept 2015 - Present)
- **Tutored** scientific subjects. (2012 - Present)
- Attended the female mentorship workshop at **Roland Berger** consultant company. (May 2019)
- Accomplished a total of 60 hours of **community service** at the Ministry of the Environment and Crosstalk. (2015 - 2018)

Skills

- Languages: ARABIC (mother language), ENGLISH, and FRENCH
- Computer Literacy: LoopPRO, ASPEN HYSYS, MATLAB & Simulink, LabVIEW, C++, AutoCad, and Microsoft Office
- Communication Skills: Proposal and technical report writing, drawing technical plans, and public presentations

References Available Upon Request