

# Ali Shaaban

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## Background

A motivated chemical engineer and a firm believer in hard work as the way for success. I Have no problem in facing difficult challenges head on applying engineering acquired problem solving skills to solve them.

## Education

### Lebanese Baccalaureate in Life Sciences | 2016 | Rawdah High School

- High distinction graduate.

### Chemical Engineering Program | 2017-2019 | American University of Beirut

- Fourth year chemical engineering student.
- GPA: 3.3
- Three times dean's honor list student.

## Experience

### Intern | Algorithm S.A.L Pharmaceuticals Manufacturer| August 13 to August 24 2018

- A brief summer internship that introduced me to process control, pharmaceutical machinery work, and quality control procedures at a pharmaceutical plant.

### Research Assistant | American University of Beirut | January to May 2019

- A research project on the development of Stirling engine lead by Dr. Joseph Zeaiter. My role constituted of the integration of a battery system for the startup and power storage for the engine .

### Research Intern | Bernal Institute, Ireland| June to August 2019

- A research internship that focuses on enhancing the conveying of cohesive powders. The internship included numerical simulations in addition to building pipe networks forming a conveying system to study ways to enhance its performance.

## Projects & Extracurricular Activities

### IBDAA Participant | May 2018

- My team and I designed and built a functional low-cost absorption spectrophotometer that detects the nitrite content in meat. The project received high praise in the product design and development category.

### AIIESEC member | 2018-2019

- This opportunity helped develop my leadership and communication skills by working as member in the outgoing exchange public relations team. My role is to communicate with members from other countries to secure volunteering opportunities and help prepare and facilitate the travel of said volunteers.

### Project Advisor | IBDAA Event 2019

- IBDAA is an event led by the Nature Conservation Center at AUB that requires students to tackle a certain environmental problem each year. My role as project advisor on the organizing committee of IBDAA 2019 is to help all participants shape their ideas and provide guidance to them where it is needed. I also was responsible of performing explanatory presentations to students of different universities to introduce them to IBDAA.

## Skills

- Proficient in Hysys, LabVIEW, MATLAB, Ansys (Fluent), and Microsoft Office.
- Basic knowledge of C++, AutoCAD, and SolidWorks.
- Possess excellent communication and presentation skills.