

Louay Ali Hassan

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Sanayeh-Beirut-Lebanon

Education

- 2015-2019 **American University of Beirut**, Beirut, Lebanon
Graduation Date: June 2019
Major: *Chemical Engineering* GPA: 3.40/4
- 2014-2015 **American University of Beirut**, Beirut, Lebanon
Major: *Chemistry*
- 1999-2014 **Saint Mary's Orthodox College**, Beirut, Lebanon
Graduation Date: June 2014
Baccalaureate II in Life Sciences

Work Experience

- 2018(June-August)
Beirut – Lebanon Internship at **Mindsets Strategy & Decision Advisors**
•Conducted research & gathered information about varied industries and businesses
• Synthesized, structured and analyzed information and presented valuable insights
• Visualized information and drew recommendations

Projects

- Sept 2018- May 2019
Beirut – Lebanon **Production of Formalin From Biomass**
• Designed the process of formalin production from biomass using both Aspen Plus and Aspen HYSYS as part of my Final Year Project
- 2015(January)
Beirut – Lebanon **IBDAA Competition**
•Conducted a feasibility study to implement a meat decomposition detector
•Performed an effective research and analysis about meat spoilage
- 2016(September)
Beirut – Lebanon **Process Instrumentation and Measurement**
•Designed a water tank pumping system using LabVIEW

Awards

- Ranked in the **Dean's Honor List**, Spring 2015, Spring 2017, Fall 2018, and Spring 2019
- Won the 1st place in **IBDAA competition**, 2015
- Ranked as a finalist in the **OC4 competition (Organic Chemistry Competition)**, 2016

Extracurricular Activities and Interests

- Elected as class representative of third year chemical engineers at the **American Institute of Chemical Engineers** AUB chapter, 2017
- Participated in the **AUB Outdoors** construction team, 2017
- Tutored several subjects to university level students at the **American University of Beirut**, 2016
- Ushered AUB's newcomers as part of AUB Orientation Day, 2016
- Volunteered at **Jannat Bladi** organization at the American University of Beirut (AUB), 2013
- Volunteered as an active member at **Green Peace**, 2012
- Interests: Football, Gaming, Painting, Scouting

Skills

- Languages: Fluent in Arabic and English, good knowledge of spoken and written French
 - Computer skills: MS Office, Matlab, LabVIEW, ASPEN HYSYS, C++, Autocad
 - Communication skills: Proposal and technical report writing, and public presentations
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