

Omar Hassan

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EDUCATION

The American University in Cairo (AUC), Egypt, Expected to graduate June 2022

Bachelor of Science, Mechanical Engineering with a concentration in Industrial Engineering

Minor: Business Administration

GPA: 3.7/4.00, Dean's List of Honors, AUC 2017 and 2018

Recipient of Academic Scholarship, AUC, Egypt

Coursework: Systems Simulation, Management of Engineering Projects, Operations Research, Production and Inventory Control, Quality and Process Control, Fundamentals of manufacturing processes, Mechanical Design, Engineering Economy.

University of California, Los Angeles (UCLA), USA, Spring 2019

Semester Abroad

Egyptian British International School (EBIS), 2017

IGCSE

ACADEMIC PROJECTS

- Computed a code using MATLAB software to predict the response of an electromechanical system
 - Designed Solenoid Boxer Engine on SolidWorks
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INTERNSHIPS/JOBS

Schlumberger, Drilling and Measurements Division, Intern, Abu Dhabi, U.A.E., Summer 2019

- Took pipeline tallies, examined details of the surface and down-hole system architecture and assisted in all physical activities related to tool handling and maintenance.
- Contributed to the nuclear calibration of four formation evaluation tools.
- Analyzed and produced a report assessing a drill operation.

Bavarian Auto Manufacturing Co, Production Department, Intern, Cairo, Egypt, Summer 2018

- Collected data for a time study of the car assembly lines and presented the results.
 - Interacted with maintenance engineers and investigated timely maintenance plans.
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EXTRACURRICULAR ACTIVITIES

Member, Swimming Team, AUC Swimming Team, 2015 - Present

Member, Swimming Team, Heliopolis Sporting Club, 2006 - Present

Peer Career Leader, Career Center, AUC, 2018 - 2019

- Analyzed, critiqued and discussed more than 50 resumes for students and recent graduates.
- Participated in the promotion of career events, workshops and corporate recruitment visits.

Delegate, Model United Nations (MUN), AUC, 2017 and 2018

- Represented Somalia and Iran in MUN Conference in Human Rights Committee and Nuclear Proliferation in the Middle East Committee.
 - Researched, debated and defended history of countries, political stance and approach to human rights.
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COMPUTER AND LINGUISTIC ABILITIES

- Proficient use of MS Word, MS Excel and MS PowerPoint.
 - Good knowledge in using AutoCAD, SolidWorks and MATLAB.
 - Excellent command of spoken and written English and Arabic.
 - Basic knowledge of spoken and written French.
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