

<b>Hassan Jaber</b>	
<b>Personal information</b>	
Date of birth:	01/01/1997
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<b>Education and Training</b>	
Dates:	2020-2023
Title of qualification awarded:	Masters (MSc) in Chemical Engineering and Advanced Energy, Department of Chemical Engineering and Advanced Energy, American University of Beirut, Beirut, Lebanon
Dates:	2015-2020
Title of qualification awarded:	Bachelor (BSc) in Petroleum Engineering, Department of Petroleum engineering, Amirkabir University of Technology (Polytechnic Tehran), Tehran, Iran
<b>Work experience</b>	
Dates:	2023-present
Occupation or position held:	Researcher at Energy and Environmental Design of Buildings Research Lab, Faculty of Engineering, University of Cyprus
Dates:	2023-present
Occupation or position held:	Freelance Energy Analysis and consultancy, Beirut, Lebanon
Dates:	2023
Occupation or position held:	Consultant, a learning and development intern, NGO FORWARD MENA, Beirut, Lebanon
Dates:	2020-2022
Occupation or position held:	Volunteer-Co-facilitator, Lebanese Red Cross, Beirut, Lebanon
Dates:	2020
Occupation or position held:	Tele sales operator, Beirut, Lebanon
Dates:	2019
Occupation or position held:	Translator, contract consultant, Haidar's Trading Company for Construction/UN, Tyre, Lebanon
Dates:	2019
Occupation or position held:	Intern, National Iranian drilling company (NIDC), Ahwaz, Iran
Dates:	2018
Occupation or position held:	Concrete factory manager assistant, Haidar's Trading Company for Construction, Tyre, Lebanon
<b>Teaching and Research experience</b>	
Dates:	2023-present
Occupation or position held:	Conducting research for the needs of the Funded Program "Development of a novel eco-friendly and sustainable masonry brick (EcoSuBrick)".
Dates:	2023
Occupation or position held:	Learning and development intern, FORWARD MENA, Beirut, Lebanon Performing research and data analysis in the learning and development domain

Dates:	2020-2022
Occupation or position held:	Special Research Assistant, Chemical engineering and advanced energy department, American University of Beirut, Beirut, Lebanon Conducting research, experimental work, data analysis and preparing data bases.
Dates:	2020-2022
Occupation or position held:	Special Teaching Assistant, Chemical engineering and advanced energy department, American University of Beirut, Beirut, Lebanon Giving and teaching lab courses, exams and recitation sessions
Dates:	2018-2022
Occupation or position held:	Private teaching, Freelance, Beirut, Lebanon Teaching both school and university students' courses especially that related to rock and fluid mechanics, chemical engineering, geology and experimental lab tests
<b>Research programs</b>	
Dates:	2023-present
Project:	"Development of a novel eco-friendly and sustainable masonry brick (EcoSuBrick)".
<b>Professional affiliations and memberships</b>	
Dates:	2019-2022
Project:	Member of the Society of Petroleum Engineers (SPE)
<b>Personal skills and competences</b>	
Languages	English: Professional Arabic: Professional Persian: Professional French: Basic Greek: Basic (started learning it recently)
Computer skills and competences	Can work with: Microsoft office, Google Workspace productivity software, Scidavis, Eclipse, Saphir, Matlab, HYSYS, Life cycle assessment programs, CFD Fluent
<b>Publications</b>	
Peer-reviewed journal articles	Authored and sent to publish the research paper entitled "The effect of temperature on rock mechanical and hydraulic properties of sedimentary rocks from Southern Lebanon". Completed on January, 2023
Conference Papers – Full papers (Peer-reviewed)	Al-Musawi, S., Adnan, M. S., Bded, A. S., Jaber, H., & Rashidi, F. (2020). The effects of changing coil radius and tube diameter in the simulation of oil-water separation in a coil tube separator. IOP Conference Series: Materials Science and Engineering, 671(1), 012069. <a href="https://doi.org/10.1088/1757-899x/671/1/012069">https://doi.org/10.1088/1757-899x/671/1/012069</a>
Conference Papers – Abstract (Peer-reviewed)	Participated in the International Geomechanics Symposium (IGS) with a presentation entitled: "Effect of temperature on mechanical and petrophysical properties of rocks from southern Lebanon" in November 2022
<b>Research Interests</b>	Renewable energy and sustainability, Geotechnical engineering studies, Materials engineering, Rock mechanics, Oil and gas, Concrete testing