

Hassan M. Chami

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Beirut, Lebanon - Dual Nationality: Australian, Lebanese

EDUCATION

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| Sep. 2019 – Present | American University of Beirut (AUB) – Beirut, Lebanon <ul style="list-style-type: none">Dual Degree: BEng in Mechanical Engineering, BBA in Business Administration (Concentration: Finance)Expected Graduation Date: June 2024Dean's Honors List in previous two semesters (Cumulative GPA: 3.81) |
| Sep. 2012 – Jun. 2019 | Rawdah High School – Beirut, Lebanon <ul style="list-style-type: none">Lebanese baccalaureate in General Sciences with high distinctionAwarded "The Ideal Student" during my final year at school |

PROFESSIONAL EXPERIENCE

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| Nov. 2021 – Present | MSFEA AUB, Research Assistant – Beirut, Lebanon <ul style="list-style-type: none">Conducting research with Dr. Mohammad Harb on the potential of recycling used fishing nets, made of Nylon 6, into plastic filaments for 3D printing applicationsCollecting fishing net samples from the Lebanese coast to be treated and examined at AUBTesting material properties of the Nylon and analyzing obtained data |
| Oct. 2021 – Present | 180 Degrees Consulting Club, Consultant – Beirut, Lebanon <ul style="list-style-type: none">Working as part of a team on a project to grow the client base, improve client retention rate and increase brand awareness of CodeBrave, a non-profit that works to create lasting social change through tech education in Lebanon |

PROJECTS

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| Apr. 2022 – Present | Smart Lighting – Beirut, Lebanon <ul style="list-style-type: none">Working in a team of 4 in the Instrumentation and Measurements course to design a mini model of a factory that employs smart lighting controlsBuilding an electronic circuit and coding a LabVIEW program to automate the process of opening and closing curtains according to the light intensity in the factory |
| Nov. 2021 – Dec. 2021 | Formula 1 Race Car – Beirut, Lebanon <ul style="list-style-type: none">Worked as part of a team in the Manufacturing Processes course to machine a model formula one car from raw materials in the AUB workspaceEmployed acquired theory behind well versed manufacturing techniques such as lathe machining, turning, and metallurgyParticipated in a race with other machined model cars and finished second |
| Apr. 2021 – May 2021 | Design of Transportation Mechanism – Beirut, Lebanon <ul style="list-style-type: none">Worked in a team of 5 in the Mechanics of Machines course to design and construct (virtually) a transportation mechanism for two objects through a designated pathStarted with an initial sketch of the design using AutoCAD, followed by dimensional synthesis, detailed analysis, and mechanism analysisConstructed virtually the mechanism using Autodesk Inventor |

EXTRACURRICULAR ACTIVITIES

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| Nov. 2021 – Present | AUB Junior Varsity Football Team, Player – Beirut, Lebanon <ul style="list-style-type: none">Playing with the football team in a university tournament |
| Sep. 2021 – Present | American Society of Mechanical Engineers (ASME), Member of the Event Planning Team – Beirut, Lebanon <ul style="list-style-type: none">Planning and organizing events, such as gatherings, volunteering events, and field trips, to take care of students' wellbeing and help them connect with colleaguesPreparing for general events through making sign up forms, scheduling events, inviting speakers, booking venues |
| Sep. 2021 – Oct. 2021 | Youth Association of the Blind, Volunteer – Beirut, Lebanon <ul style="list-style-type: none">Provided support in typing and/or recording academic books and stories to be used by students with visual impairment |
| Sep. 2017 – Jun. 2018 | Banin Charity Association, Volunteer – Beirut, Lebanon <ul style="list-style-type: none">Paid visits to underprivileged families to assess their eligibility for receiving assistancePrepared donations boxes and distributed them to local storesContributed in a campaign to collect donations for the surgery of an elderly man |

SKILLS & INTERESTS

Languages: Fluent in English and Arabic

Software Skills: Microsoft Office (Excel, PowerPoint, Word), LabVIEW, MATLAB, AutoCAD, PTC Creo, Autodesk Inventor, Python, C++

Soft Skills: Teamwork, Leadership, Communication, Problem-Solving, Adaptability