
EDUCATION

August 2018 - May 2022	American University of Beirut (AUB) Beirut, Lebanon
	Bachelor in Mechanical Engineering Full scholarship from ULYP Dean's Honor List Recipient of Distinguished Graduate Award

EXPERIENCE

September 2021 – June 2022	Human Centered Design Fellow Interdisciplinary Design Practice Program (IDPP) / AUB Working on internal design projects targeted towards making positive change at AUB and assisting IDPP in diverse activities and day-to-day operations.
June 2021 – August 2021	Human Centered Design Intern Interdisciplinary Design Practice Program (IDPP) / AUB - Exposed to the different stages of design thinking and applied research methods to discover user needs. - Completed a two-week design sprint with a local startup and helped them by designing a simple, accurate and cost-effective labeling machine.
December 2020 - January 2021	Consulting Intern Bright Network - Internship Experience UK - Exposed to tasks that simulate a graduate job as an Analyst such as producing a project plan, core deliverables and conducting market research. - Firms in attendance include Accenture, Alpha FMC, Bain and Company, Capitol One, Elixir and PwC.

PROJECTS

- Designed a device that aims to make the blood collection process safer and more efficient. The technology uses infrared imaging to identify veins and a robotically controlled needle is then guided into the targeted vein.
- Explored the use of a patient-specific computational modeling framework to predict TAVI outcomes by reconstructing the geometric structure of the model, analyzing the material properties, and applying some computer simulation techniques.
- Studied the information system of the HR department in an international real estate company (CBRE) and proposed a "To-Be" process map.
- Designed the control system of a drug-delivery machine.
- Designed a pipe system for a hydraulic power plant.
- Conducted a feasibility study on rebuilding a city with prefabricated houses.
- Designed a pure mechanical automated water filling machine.

EXTRACURRICULAR ACTIVITIES

February 2021 - March 2022	Volunteer at Socialprise Beirut, Lebanon
	- Working remotely on digital marketing tasks. - Preparing content writing for B2B campaign.
February 2021 - February 2022	International Volunteer at Watani Beirut, Lebanon
	- Recruiting new vendors and influencer marketing & blogging. - Worked on social media marketing and branding.
September 2020 - September 2021	Member of the American Society of Mechanical Engineers (ASME).
January 2021 - June 2021	Volunteer at MMKN Beirut, Lebanon
	- Teaching and supporting middle school students in mathematics and helping them get ready for their exams.

CERTIFICATIONS

- **Microsoft Certified:** Power Platform Fundamentals.
- **KPMG** Data Analytics Consulting Virtual Internship.

- **JPMorgan Chase** Software Engineering Virtual Experience.
- **DELF A1 and A2** official diploma from the French ministry.

SUMMARY SKILLS

- **Languages:** Fluent in English and Arabic, with intermediate knowledge in French.
- **Computer skills:** Microsoft office, AutoCAD, PTC Creo, Autodesk Inventor, SOLIDWORKS, MATLAB, LabVIEW, Arduino, Python, C++, Adobe illustrator, Ansys, Simpleware ScanIP.
- **Soft skills:** Leadership, Communication, Team-Building, Organizational, Management, Technical writing.