



EXPERIENCE

Design Engineer | 22 Degrees S.A.L.

Lebanon | March 2022 - Present

22 Degrees is a DAIKIN partner in Lebanon, providing clients with air-conditioning solutions for their commercial or residential needs. In addition to my daily tasks, I am provided with regular training on the latest products and technologies in the HVAC field.

My regular tasks include:

- Design and select products (VRVs, Split Units, AHUs, Chillers) for given projects
- Perform cooling and heating load analysis for residential and commercial spaces
- Analyze and solve technical problems in a timely manner
- Ensure product design follows engineering standards and customer requirements
- Collaborate with colleagues to ensure proper project submittals

Mechanical Engineering Intern | Consolidated Contractors Company

Abu Dhabi, United Arab Emirates | Jun 2019 – Jul 2019

As an intern, I was assigned to the mechanical engineering department to shadow the engineers. By the end of the internship, I was familiar with designing and selecting the appropriate equipment for projects (e.g., Compressors, Pressure Vessels, Turbines...).

Some achieved tasks:

- Designed a pump based on given specifications
- Analyzed a pump's performance
- Calculated tank dimensions for various applications



EDUCATION

American University of Beirut | 2016 - 2020

Bachelor of Engineering (Mechanical)



FINAL YEAR PROJECT

Vertical Take-off and Landing Remote-Controlled Plane | Sep 2019 – May 2020

During the last academic year of my bachelor's degree, I had to complete a year-long, professor-supervised project. My chosen project was to design, manufacture and control a VTOL RC plane. The plane was to be used in transporting emergency medical equipment to remote areas.

Some accomplishments:

- Redesigned the plane to fit new requirements
- Optimized manufacturing methods to reduce time and material waste
- Successfully built the plane according to our design



ONLINE COURSES

Coursera

[Corporate Strategy](#) | Oct 2020

[Machine Design](#) | Nov 2020

[Finance for Non-Finance Professionals](#) | Nov 2020



EXTRA CURRICULAR ACTIVITIES

Volunteer | Lebanese Red Cross | Sep 2018 – Aug 2020

As part of the youth department, my aim was to spread awareness among young adults regarding a multitude of topics through frequent activities and campaigns.

Responsibilities:

- Organized and took part of on-campus awareness campaigns
- Coordinated with club Secretary for numerous tasks



SUMMARY SKILLS

Computer Skills:

- PTC Creo
- SolidWorks
- AutoCAD
- LabVIEW
- MATLAB
- Programming
- MS Office
- HAP



LANGUAGES

- English (Fluent)
- Arabic (Fluent)
- French (Beginner)