


CONTACT

 hadi.brayteh.123@hotmail.com

 +961 76668152

 linkedin.com/in/hadi-

brayteh-74bbb8236

SKILLS

Leadership

Creativity

Time Management

Software

Ansys Fluent – Great

AutoCAD – Good

EES – Excellent

LabVIEW – Great

MATLAB – Great

Microsoft Office – Excellent

Primavera – Good

Simulink – Good

SolidWorks – Great

LANGUAGES

Arabic (native)

English (fluent)

French (elementary)

Hadi Brayteh

Proficient multitasker and enthusiastic Mechanical Engineering Student seeking an internship position in a professional organization where my potential will be fully discovered and utilized in assisting the company's objectives while broadening my personal experience.

Education

Lebanese American University

B.E. in Mechanical Engineering

Byblos, Lebanon

Expected to graduate in 2023

Certificates

Tomorrow's Leaders Gender Scholar – August 2020

Extracurricular

Off-campus Events Officer –ASHRAE Student Chapter – LAU

Honors & awards

Dean's Distinction List of the School of Engineering – Feb 2022

Dean's Distinguished List of the School of Engineering – July 2021

Dean's Honor List of the School of Engineering – Feb 2020

Course Projects

Design of a Heat Exchanger with Thermal Energy Storage – Group Project – Fall 2022 & Spring 2023

As part of our final year final project, my colleagues and I designed a shell and helical coiled tube heat exchanger with phase change material (PCM) to store latent heat. The configuration was constructed on Ansys DesignModeler and the final design was simulated using Ansys Fluent to monitor the melting time of the PCM.

Designing an HVAC system – Group Project – Spring 2022

As part of the Heating, Ventilation, and Air-conditioning course, our team designed and chose an adequate heating, ventilation and air-conditioning system based on the heating and cooling loads, sized and plotted the ducting network, as well as estimated the yearly energy consumption of a house in Beirut, Lebanon.

Drainage – Waste – Vent System – Individual Project – Spring 2022

As part of the Piping Network course, I designed a drain-waste-vent (DWV) system for a residential 10-story building. The detailed plumbing drainage design included sizing pipes, traps, stack, vent stack, storm drainage piping, the building drain and the cleanout associated with it. Moreover, the pipes material and fittings were determined, and a neutralizing tank was designed to be installed in the basement.