

Rami Makki

Lebanon, Aramoun, Khalde
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OBJECTIVE

Looking for an internship opportunity

EDUCATION

Lebanese American University, Beirut, Lebanon

Bachelor in Mechanical Engineering

Start: Fall 2017

Expected Graduation: Spring 2022

Amjad High School, Choueifet , Lebanon

Lebanese Baccalaureate in Life science

June 2017

EXPERIENCE

LAU PHYSICAL PLANT, Byblos, Lebanon

June 1, 2021 – August 2021

Mechanical engineering intern, Byblos

- Supply Pipes and drainage sizing in construction projects
- Conducted solar collectors sizing
- Analyzed Hvac system using HAP software
- Overview about duct sizing
- Tracking onsite updates of mechanical work
- AutoCAD maps reading and drawing

Academic Projects:

Final year project

- Conducting research about the recent Wind turbine spacing
- Simulating wind turbine using Ansys Fluent
- Simulating different turbine farm patterns
- Cost and energy saving analysis and optimization
- 3D printing the final design and conduct wind tunnel tests to compare the real-world values and the simulations results.

Course Projects:

- Designing the central HVAC system of a single-family dwelling located in Beirut
- Design of a an HVAC split unit of an office in Kuwait, beside decreasing cooling load by adding thermal insulations
- Controlled a 1 Degree of freedom Drone using PID and Lead-Lag controller systems
- Design of a color Following rover using python and Raspberry Pi

- Design and cost analysis of solar collectors for Dorm B
- Finite elements Analysis of heat transfer application
- Design of a Passive House using design builder
- Design of a Rover safety system using Myrio and Labview.

Lancaster plaza, Fume Bar

June 1, 2017 - October 31, 2017

Waiter

- Greeted customers and handed out menus.
- Provided excellent customer service for each guest

SKILLS

Languages - Fluent in English, Fluent in Arabic

Computer Skills – Excel, Word and documentation, Solid Works, Mat lab, Ansys, Lingo, AutoCAD ,Lab View, Hap , Finite elements , Comsol, Design Builder .

Technical Skills- working with metals and wood using manufacturing equipment/sensor calibration and running, Embedded System Running, coding in python, electronics/ Sizing cooling and heating equipment ,sizing supply and drainage pipes , finite element analysis. Working on Solid works and Ansys simulations , control systems modeling , familiar with hydraulics Pneumatics and PLC.

Communication Skills- Work in teams , leadership skills , healthy debates with opposing opinion to reach best solution.

Personal Skills- Tenacious, Energetic, Responsible, Decisive, Self-confident.

References available upon request.