

GISELLE MARROUN

CONTACT



Beirut, Lebanon



+961-79153737



gisellemarroun0@gmail.com



giselle-marroun-95227717a

EXPERIENCE

MECHANICAL ENGINEER INTERN at KHAYAT Med, Lebanon

Jul 2020-Aug 2020

Khayat Med is a biomedical supplier that sales home care and hospital equipment and provides installation and maintenance services.

- Tested, delivered, and installed medical devices in hospitals and houses all over Lebanon.
- Performed troubleshooting and maintenance on ventilators and anesthesia machines
- Calibrated sensors and breadboards
- Assisted engineers with Sales and Services for Medical Devices.
- Generated orders and prepared the requested items.

RESEARCH INTERN at AUB

May 2020-Jul 2020

Dedicated to understanding the aerodynamics, design, model, and control of wind turbines.

- Researched and read book and research papers to understand the above states aspects of the wind turbines.
- Researched for the mechanical and electrical components of the wind turbines.
- Researched for the economic and financial aspects of the wind plants using models developed by the NREL(National Renewable Energy Laboratory US).
- Researched for the modelling and control of each component using models by the NREL.
- Presented on a weekly basis and wrote final technical report.

EXTRACURRICULAR ACTIVITIES

TREASURER and LOGISTICAL SUPPORTER at ASME-AUB branch

2019-present

- Submitted events proposals to the students' affairs office.
- Provided logistical support and budgeting workshops, fieldtrips, and fundraising events.
- Attained sponsors for events

Girls can do STEM, Team leader and Trainer

2018-present

Community service project that aims to empower girls and motivate them to engage in the STEM fields through series of Robotics workshops in the collaboration with **LLWB** (Lebanese League for Women in Business) and **CCECS-AUB** in North Lebanon.

Volunteer with LADE (Lebanese Association for Democratic Elections)

2018-present

Supervised and reported the violations during the Lebanese Parliamentary and Municipality elections in Zgharta and Tripoli districts.

Participant in Future of Health Campus-wide Hackathon with Maroun Semaan Faculty of Engineering and Architecture and the **Talal and Madiha Zein AUB Innovation Park** in Beirut.

feb 2020

Trainee for 2 weeks with LebRelief , Zgharta

summer 2019

- Safety at work •Supervising the labors • Digging water wells
- Cleaning and building water reservoirs and spring water support.

Daily life skills trainer for visually impaired children and youth with **ETI** (Empowerment through integration) at the University of Balamand, Koura

summer 2017

Volunteer with **LLWB**: Logistical Supporter during Girls Day in field trips and Girls got IT Events at the Beirut Arab University Tripoli

summer 2017

Volunteer with **Nassma** tutoring center for refugees, Beirut

fall and spring 2017

Participant in the Innovation Campaign for students **Bank Audi** at AUB

spring 2017

EDUCATION

AMERICAN UNIVERSITY OF BEIRUT

Beirut, Lebanon

2017-2021

BE in **MECHANICAL ENGINEERING**

Minor in **BIOENGINEERING DESIGN**

Full **USAID** scholarship

Graduated with **Distinction**

SKILLS

Languages: Arabic, English, and French

Technical skills: MATLAB, SolidWorks, Ansys, LabVIEW, Simpleware, XPPAUT, MS Office, Latex, C++, AutoCAD, Creo Parametric, numerical modeling, computational modeling, finite element analysis

Soft skills: Technical reports writing, design, research, bio-design, team building, project management, problem solving, time management, communication skills (presentation skills).

WORKSHOPS

Leadership in Startups 2019

Entrepreneurship Development 2018

Proposal Writing 2018

Project Management 2017

Leadership Trainings 2017

(Capacity and Team Building, Presentation and Public Speaking Skills, Problem Solving and Decision Making)