

NABIL NACHABE

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EDUCATION

American University of Beirut

BE Mechanical Engineering - Dean's honor list (Fall 2018,2022- Spring 2021)

Beirut-Lebanon

Sep 2018 - Present

EXPERIENCE

Compost Baladi SAL

Mechanical Engineering Intern

Beirut- Lebanon

August 2021 - October 2021

- Designed several parts using Autodesk Inventor, such as condenser coils, drum shaft, and motor/gearbox holder for the purpose of optimizing the compost output in the composting container product
- Displayed using AutoCAD a proper plan for aeration and leachate processes which are taking place in the container composter
- Assisted in the design and the manufacturing of a mobile waste water treatment system

Transition Technologies Advanced Solutions

Engineering Intern

Warsaw- Poland

June 2021 - August 2021

- Assigned on the InJo4.0 project in which I identified and contacted service providers for BI, MES , etc., for the purpose of digitization and optimization Jordanian enterprises
- Designed and built quizzes about Data Science, Cyber Security, and IoT on the learning management system of Injo4.0
- Performed a failure analysis and failure impact on an electrical generator and transformer, as well as calculated their failure probability and set up a proper maintenance plan to prevent a severe failure
- Extracted python algorithms which calculate the performance parameters of multiple devices present in power plants, and converted/translated them into excel templates calculation sheets

AUB- Mechanical Engineering Department

Office Assistant

Beirut- Lebanon

February 2021 - December 2021

- Assisted in students courses' registration process
- Hosted weekly online office hours for the purpose of helping students with their inquiries to the department

AUB- Fluid Mechanics

Teaching Assistant

Beirut- Lebanon

February 2021 - June 2021

- Extracted and polished the script from Professor Lakkis's Fluid Mechanics online lectures
- Built and designed the entire course PowerPoint slides for the spring semester
- Developed my understanding and knowledge on multiple fluid mechanics complex concepts

SKILLS

Computer Skills: MATLAB, C++, Inventor, AutoCad, Ansys, LabView, Python, Arduino
Languages: Fluent in English,Arabic and French (writing,reading and speaking)
Soft Skills: Leadership, Communication, Teamwork, Problem solving, Creative solutions
Interests: Sports, Music, Debating, Programming, Video Games

EXTRA CURRICULAR

Member at Large in IAESTE

Helped 3rd year engineering students to secure an abroad internship through organizing competitions and workshops

June 2021- Present

AUB Outdoors- Safety Team

Helped to organise one of the biggest events in Lebanon in which I developed sense of leadership, teamwork, responsibility and communication skills

April 2019- May2019

AIESEC

Volunteered in AIESEC's leadership program and competed in the final competition (Placed 2nd), as well as helped to organize several workshops on environmental sustainability and entrepreneurship for more than 100 attendees

July 2016- September 2016