

Karem Malaeb

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SUMMARY

A qualified young person with a record of hard work and achievement, both in studying towards A-level examination success and outside a formal academic environment. Able to work well on own initiative or as part of a team, open to new ideas and opportunities.

EDUCATION

American University of Beirut (AUB), Lebanon

2018-Expected May 2022

Bachelor's in Civil and Environmental Engineering GPA: 3.6/4

EXPERIENCE

Co-Founder | DilutePro

2021

Startup that designs and manufactures an automatic disinfectant dilution machine that can be used to perform precise automated dilutions of any disinfectant for any use.

- Participated in the 3,000,000\$ US-Middle East Partnership Initiative- Tomorrow's Leaders College to Work Pipeline (MEPI-TLP) program that is sponsored by American University of Beirut, LAU, AUC, and Georgia Tech University
- Secured 5,000\$ in funding for the MVP, mentorship from AUB, and help in advertisement of the product
- Partnered and collaborated with an industry partner- ezoMed, to have a foot in the market
- Learned and acquired entrepreneurial skills by managing the startup, participating in entrepreneurial bootcamps at BDD (Beirut Digital District) and accelerator programs and meeting investors
- Ensured and oversaw steady improvement and increase in efficiency by managing the startup and performing a thorough market study and developing and working with new and constantly changing business plans and canvases

Intern | ezoMed

2021

A 10-week internship in a prominent disinfectant company in Lebanon and the Middle East, part of the MEPI-TLP program in which participating entrepreneurs work with their industry partners to understand the market and its challenges

- Obtained business analysis skills by analyzing data from the market, its applications, size, limits, and barriers of entry
- Enhanced communication skills and working as part of a team

Certified SAT Tutor | SetOut Academy

2021

- Acquired ability to explain and present ideas to a group of people

PROJECTS

GIS Mapping | German and Lebanese Red Cross in collaboration with DRR and OSM (Open Street Map)

Volunteering on a mapping project in Metn, Akkar and Baabda Cazas in Lebanon. This project will help in the risk assessment studies such as forest fires, landslides, floods, etc.

2021-present

- Volunteering in a multidisciplinary engineering/data collecting and analysis project that promotes public safety.
- Gaining experience in working in a multinational team consisting of members from different fields and backgrounds

Cedarstan and COVID-19 | Case Study

2020

A case study on how a virtual country will face COVID-19, and what strategy to adopt and its implications

- Analyzed large amounts of data, assessed problems and structured solutions, presented information at a wide range of levels and scenarios
- Came up with a well-studied strategy on how to deal with COVID-19 after examining data

EXTRACURRICULAR ACTIVITIES

- 180 Degrees Consulting Club 2021
- Consulting Club AUB 2021
- Member in the American Society of Civil Engineers (ASCE) 2018-2020
- AUB safety Team Member-AUB Outdoors 2019
- Football, High School Football Team 2015-2018
- Advisor and Delegate at Model United Nations (MUN) 2015-2018

OTHER SKILLS AND INTERESTS

Languages: Arabic (Native), English (fluent in reading speaking and writing), French (working knowledge)

Skills: Microsoft Office (Excel, Word, PowerPoint), AutoCAD, Civil 3D, Revit, ArcGIS, JOSM, QGIS, Primavera P6, EPANET, MATLAB, Visual studio C++, SAP 2000, SolidWorks

Interests: Football, Chess, Table Tennis, Basketball