

Contact Information

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Address:

Beirut, Lebanon

Nationality:

Canadian - Lebanese

Key Skills

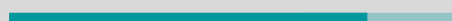
SolidWorks



AutoCAD 2D



MATLAB



LabVIEW



Java



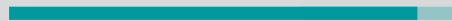
C++



Microsoft Office Programs



Manufacturing



Python



Certifications

Associate Mechanical Design

SolidWorks

Crash Course on Python

Google

Intro to Biomedical Engineering

PGSP. Polytechnic University

Intro to Human Physiology

Duke University

Anatomy: Muscul. and Integ. System

University of Michigan

Science of Exercise

University of Colorado Boulder

Fusion 360: Introduction

University of Colorado Boulder

Biomedical Visualisation

University of Glasgow

Marion Daher

Mechanical Engineer

Bachelor of Engineering

Academics

Lebanese American University

Bachelor of Engineering

'17 - '22

University of Waterloo

Bachelor of Applied Science

'16 - '17

The British International School of Jeddah

International Baccalaureate

'14 - '16

Work Experience

Data Entry and Phone Operations

Lebanese American University, Jbeil, Lebanon | September '21 - Present

- Managed all incoming data of students applying to the university
- Inputted data about prospective future students
- Made phone calls to interested students, and answered all relevant questions

Shadow Intern

Centre Harika, Baabda, Lebanon | June '21 - August '21

- Assisted in 3D scanning amputated limbs and backs for spinal injuries using the Vorum Spectra 3D Scanner.
- Shadowed 3D CAD modification of scans using Vorum's Canfit.
- Modified, initialised and monitored the fabrication of foam models of orthoses, corsets and prostheses on the Vorum 3-Axis carver.

Control Research Intern

Axiles Bionics, Belgium | June '20 - August '20

- State of the art research on control of bionics devices.
- Analysed the different types of control of robotic devices, and explored their use in the design at hand.
- Researched the field oriented control of motors, and how the implementation of such a system occurs.

Undergraduate Research Assistant - Designing and Manufacturing

Lebanese American University | October '17 - September '19

- Designed and manufactured components of skis and an exoskeleton for a handicapped athlete (Michael Haddad).
- Earned a reputation as a talented mechanist and designer. Developed excellent fabrication and shop skills as well as teamwork skills.
- Demonstrated advanced skill in operating equipment and machines including 3D printing and cutting machines.

Workshops and Volunteering

Climate Change Project

Virtual Exchange Member, Arc-en-Ciel | October '19 - January '20

- Designed, discussed and implemented new systems to help reduce climate change impact in Italy and Lebanon.

IOU Respect

Member | August '19

- Worked with a team of international members in order to learn about other countries' cultures, people, religions stereotypes and more.

Girl Guides of Lebanon

Member ('04-'15) | Chief ('15 - Present)

- Leader of a team of 30+ young women between the ages of 12 and 16 years, whilst teaching them all about the values of being a scout.

Languages

English - Native

Arabic - Native

French - Second Language