

## **Hussein Tfayli**

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### **Education**

#### **AMERICAN UNIVERSITY BEIRUT**

Masters of Engineering Management

Beirut, Lebanon

2022-2024

- Concentration in Management of Technology and Entrepreneurship

#### **BEIRUT ARAB UNIVERSITY**

BE Mechanical Engineering 3.5/4 GPA

Beirut, Lebanon

2018-2022

#### **COLLEGE NOTRE DAME DES SOEURS ANTONINES**

Lebanese Baccalaureate in General Science.

Nabatieh, Lebanon

2017

### **Experience**

#### **Water and Energy for Food (WE4F)**

Beirut, Lebanon

##### **External Surveyor**

December 2021 – present

- Interviewed innovation end-users and provided WE4F with a reliable baseline of indicator data reflecting impacts on end-users, in the water-energy-food nexus, and on the environment.
- Provided innovators with the outcome and impact-level data that can be used to communicate with external audiences through reporting towards annual WE4F indicators.
- Analysed the collected data on Microsoft excel to verify that a representative sample of customers are experiencing the water/energy/yield/technology benefits promised in the innovator's application to the program.
- Assisted in establishing a potential control group for WE4F innovation end-users and assessed the same impacts investigated for innovation end-users.
- Presented an overview about the final field report including the qualitative and contextual findings in front of the innovator and the regional innovation hub

#### **Private Tutor**

Beirut, Lebanon

##### **Freelancer**

January 2020 – January 2022

- tutored 20+ students in science, general engineering and mechanical engineering courses

#### **Express Design**

Beirut, Lebanon

##### **Mechanical Design Intern**

June 2019 – August 2019

- Used Catia V5 for 3D modelling and 2D drawings.
- Learned and Designed Plastic injection Molding process for several projects
- Helped the team responsible for the bumper design of the 2020 Maxda CX30 SUV with 3D and 2D Tools Design in Catia V5 and Cadkey.
- Used Microsoft Office Excel for Cost Analysis of Tools.

#### **City Sport**

Nabatieh, Lebanon

##### **Tennis Coach Assistant**

September 2015 – June 2017

- Assisted in the training of beginner tennis players with ages ranging from 7 to 50 years old.
- Was the head of youth coaches in Citysport's annual kids summer camp for kids aged 5 to 13 years old.

### **Leadership and Activities**

#### **Lebanese Red Cross**

Nabatieh, Lebanon

##### **Youth Department Volunteer**

June 2016 – June 2018

- Organized and Participated in activities that include educating and providing awareness to children and young individuals on humanitarian values and principles, as well as health and the environment.
- Worked closely with Syrian refugee kids in the Marjayoun area and helped organize multiple educational events.
- Helped organize and participated in an educational campaign about waste sorting and recycling in the Nabatieh area.

### **Skills & Interests**

**Technical:** Proficient in Microsoft Excel, Microsoft Powerpoint, Microsoft word, and Google workspace Apps.

**Language:** Native Arabic speaker; Fluent with English and French.

**Interests:** TED Talks, Books, Volunteering and I was a College Tennis player.