

Assem Abou Ali

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EDUCATION

American University of Beirut (AUB) | Lebanon

September 2017 – June 2021

- BE in Industrial Engineering and Management (GPA **4.0/4.0** – Cumulative **91.37/100**)
- Placed on the **Dean's Honor list** every semester
- Graduated with **High Distinction**

Projects:

- Improving Quality Measures of Rim Water Bottles by Applying DMAIC Principles
- Enhancing AUBMC's EMR In-Basket Messages System to Optimize Clinical Workflow by Applying Regression Techniques and Lean Manufacturing
- Optimizing AUB's Comptroller Office by Modeling and Simulating the Office's Operations
- Revitalizing Beirut Souks After the August 4 Explosion by Applying Facilities Planning Techniques
- Developing a Machine Learning Model to Predict Online Shopper Behavior following Data Preprocessing
- Creating a Production Plan by Forecasting Demand and Applying Aggregate Planning

WORK EXPERIENCE

Research Assistant | AUB

June 2020 – August 2020

- Assisted in producing an academic research paper that analyzes the effects of calling, texting, and sending voice messages using WhatsApp on driver performance and attention
- Responsible for conducting a literature review, writing up a full background section, analyzing the data of the experiment using parametric and non-parametric tests, and writing up the results

Salesperson and Technical Support Officer | Shaar Telekom

May – August | 2017, 2018, 2020

- Sales: Sold consumer electronics to customers and did basic bookkeeping
- Technical Support: Repaired a variety of electronics including phones, laptops, routers, etc.

EXTRA CURRICULAR ACTIVITIES

New Student Orientation (NSO) Guide | AUB

August 2018 – September 2019

- Volunteered as a student guide in the NSO
- Mentored **45** engineering students on a variety of matters including but not limited to: academic registration, schedule planning, time management

Volunteer | Bchamoun Municipality | Aley, Lebanon

May 2016 – August 2018

- Helped organize social events to raise money for the Bchamoun municipality and local charities
- Participated in other initiatives including food drives for the less fortunate and volunteer work such as collecting donations

SKILLS

- Language Skills: English (Fluent), Arabic (Fluent), French (Limited Working Proficiency)
- Technical Skills: @Risk, Arena, AutoCAD, C++, Excel, MATLAB, PowerPoint, Python, SPSS Statistics, Word

HOBBIES & INTERESTS

- Basketball, Music, Programming, Soccer, Technology, Theater, Travel, Volunteer work