



Primary Home Address:  
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## Education

### **American University of Beirut**

- Master of Science in Business Analytics, *Member of Beta Gamma Sigma Honorary Business School Society, 92 GPA* 2017-2018
- Bachelor of Business Administration, Accounting concentration 2012-2015

## Work Experience

### **United Nations Economic and Social Commission of Western Asia**

April 2019-July 2019

#### *Intern*

- Planned a data analytics based project related to the transportation sector
- Researched and identified data sources, potential partners, and relevant algorithms for analysis
- Communicated with key stakeholders to acquire data and secure partnerships
- Created a web scraping script to alert the user when a metric is published online

### **American University of Beirut**

2017-2018

#### *Graduate Assistant*

- Conducted literature reviews focusing on methodology
- Conducted research and interviews on information systems
- Integrated data and summarized content sources for case study publications

March 2017

### **AUB Chemistry Department**

#### *External Consultant*

- Researched and resynthesized academic papers on marketing and strategy for non-business academics
- Prepared and delivered presentations based on resynthesized literature
- Generated and moderated active discussions among the audience

Oct 2015–Jan 2016

### **Deloitte Middle East**

#### *Associate Auditor (3 months training)*

- Worked as part of a team on different audit engagements
- Interacted with clients to investigate financial statement related items
- Conducted sophisticated analysis in Excel with large amounts of data
- Performed various tests to determine correctness of financial statements

## Data Science Projects

### **Capstone project on a Lebanese Logistics Company**

- Cleaned, prepared, and anonymized data
- Conducted a mix of statistical analysis and machine learning to generate insights
- Conducted a preliminary time series analysis

### **Bitcoin Price Prediction Project**

- Scraped tweets of identified bitcoin influencers
- Used NLP (natural language processing) to normalize and predict the sentiment of the tweets
- Created dashboard on Tableau to visualize and communicate findings

### **Traffic Accidents Project**

- Cleaned and preprocessed data
- Created a machine learning algorithm to predict the lethality of a car crash based on several variables

## Publications

Apaydin, M., & **Hossary, M.** (2017). Achieving Metacognition Through Cognitive Strategy Instruction. *International Journal of Educational Management*, 31(6), 696-717.

Apaydin, M., Bayraktar, E., & **Hossary, M.** *Achieving Economic and Social Sustainability through Hyperconnectivity: A Cross-Country Comparison*. Benchmarking : an International Journal

## Textbook Contribution

### **“Contemporary Management”**, McGraw-Hill 2nd Middle East edition

- Collated multiple academic papers into the different sections
- Created exam questions that corresponded to different levels in Bloom’s taxonomy

### **“Economics for Business”**, MacMillan Education

- Wrote a mini-case about a confectionary company called Ghandour that focused on its response to globalization