

Kareem Ayoub

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EDUCATION

- 09/16 to 06/20 American University of Beirut**
Bachelor of Computer and Communication Engineering June 2020
Bachelor of Business Administration: Finance Concentration June 2020
Minor in Mathematics
Current GPA: **4.0**
- Dean's Honor List
 - AUB Merit Scholarship
- 09/01 to 06/16 Rawdah High School**
Lebanese Baccalaureate June 2016 with Honorable Mention
- Rawdah High School Scholarship

PROFESSIONAL EXPERIENCE

- 06/19 to 08/19 Strategy & Consulting, Summer Associate Dubai, UAE**
- Assessed several business growth opportunities (analyzing market trends, market size, Capex requirements etc.)
 - Modeled end-to-end excel sheets to calculate the needed payback period for each business opportunity.
 - Analyzed different types of client data (P&L, Balance sheet, cash-flow statement, demand forecasts etc.)
 - Developed the 5-year forecast for the client financial statements (Balance Sheet and Cash-Flow Statement)
- 12/17 to 01/18 Bank Audi, IT Department, Intern Beirut, Lebanon**
- Gained a general overview on the IT infrastructure of the bank including database, systems and networking.

PROJECTS

- 03/19 to 04/19 Valuation:** Valued DIS Stock Price through DCF and relative valuation models - **Excel**
- 09/18 to 11/18 Database:** Created a database system for hospitals to record medical information - **SQL, Python & HTML**
- 09/18 to 11/18 Cryptography & Network Security:** Created a website to implement RC4 encryption - **Python, HTML & CSS**
- 02/18 to 04/18 Computer Network:** Created a vehicle onboard computer with socket connections to sensors - **Java**
- 09/17 to 11/17 Data Structure and Algorithm:** Implemented a real estate company software system to manage resources - **C++**

UNDERGRADUATE RESEARCH

- 01/19 to 05/19 Opinion Targeted Information Retrieval**
Devised an automated mechanism for retrieving opinionated documents from the web on any topic - **Python**.

COMPETITIONS

- 20/05/19 Chulalongkorn International Business Case Competition Koh Samui, Thailand**
Participant – An annual Multi Round Case Solving Competition involving 20 universities from around the world.
- 01/04/19 Omnicom Inter-University Challenge Beirut, Lebanon**
Finalist – Solving a real-life data science problem and present the business impact it has on the company.
- 23/02/19 Belgrade Business International Case Competition Belgrade, Serbia**
6th Place – An annual Multi Round Case Solving Competition involving 20 universities from around the world.
- 19/03/19 Darwazah Student Innovation Contest Beirut, Lebanon**
Finalist – Pitching a startup idea involving integrating personalized music in the hospitality industry.
- 23/02/19 John Molson Undergraduate Case Competition Montreal, Canada**
2nd Place – An annual Multi Round Case Solving Competition involving 24 universities from around the world.
- 29/01/19 Virtual Stock Exchange Competition Beirut, Lebanon**
2nd Place - Managing a portfolio of \$1m over a period of 2 months and achieving a rate of return of 6.14%.
- 25/01/19 Big Data, AI, and Media Hackathon Beirut, Lebanon**
1st Place – Pitching a startup idea that involves a smart integration between Data, Artificial Intelligence, and Media.
- 20/10/18 IEEEExtreme Coding Competition Beirut, Lebanon**
Top 7% worldwide; 8th place national - 24-hour coding competition on solving a set of programming problems.
- 25/05/18 Booz Allen Hamilton "The Wargame" Case Competition Beirut, Lebanon**
1st Place - Involves solving a case on the public sector in teams of 5 and proposing the solutions to a panel of judges.

EVENT ORGANIZER

- 17/11/18 LEAP Conference:** Women in Engineering event celebration of women from different fields and backgrounds.
- 09/03/18 Student and Young Professional Lebanon Congress:** Biggest IEEE event connecting students & industry experts.

CLUBS

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|---|-------|---------------------------------|-------|
| IEEE Club: 3 rd Year Representative | 18/19 | WIE Club: Event Officer | 18/19 |
| Rawdah High School Alumni Club: Treasurer | 18/19 | AUB Red Cross: Volunteer | 16/17 |

SKILLS

SOFT SKILLS: Leadership, Communication, Technical Writing, Public Speaking, Teamwork.

LANGUAGES: Fluent in both English and Arabic.

COMPUTER SKILLS: C++, Python, SQL, Html, Microsoft Office.