

# Mohamad D. Itani

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## EDUCATION

**American University of Beirut**, Beirut, Lebanon

**Sept. 2019 - June. 2023**

**Bachelor's degree** in Computer and Communications Engineering (E3)

**Minor** in Artificial Intelligence

- Awarded the Al Arab Education Foundation Scholarship for academic performance for two successive years.
- Awarded the Ajialouna Scholarship for academic performance.

**Beirut Baptist School**, Beirut, Lebanon

**Sept. 2012 - June 2019**

**Lebanese Baccalaureate** in General Sciences

- Graduated with honors.
- SAT score in the 96<sup>th</sup> percentile nationally.

## PROFESSIONAL EXPERIENCE

**Middle East Airlines – IT Systems Engineering Intern**

**Dec. 2021 - Jan. 2022**

- Performed vulnerability assessments for over 6000 company devices.
- Learned how to craft a strategy to create technical infrastructure for large scale companies.
- Worked on databases and management of Oracle E-Business Suite.
- Worked with network security team on firewalls, end-user security, and cyber attack prevention.

**Salem Group – Management Consultant Intern**

**April. 2021 - June. 2021**

- Drafted over 50 proposals and participated in over 30 client meetings.
- Conducted feasibility, profitability, growth strategy, and market entry studies for clients and in-house projects.
- Ensured completion of assigned projects within timeline and budget constraints.

## VOLUNTEERING AND EXTRACURRICULAR ACTIVITIES

**180 Degrees Consulting Club – Consultant**

**Feb. 2022 - Present**

- Doing Pro-bono consulting work for Lebanese companies and NGOs.

**AUB International Case Competition Program – Trainee**

**Feb. 2022 - Present**

- Training with a pool of 20 students to represent AUB in case competitions worldwide.

**Title IX Advising - Student Chapter – Committee Member**

**Oct. 2021 - Present**

- Chosen among 20 hand-picked candidates to ensure a safe and equitable campus for all students.

**IEEE Student Branch – E3 Student Representative**

**Nov. 2021 - Present**

- Elected by the 300 club members to represent the third-year engineering students.

– Member at Large

**Nov. 2019 - Oct. 2021**

- Organized IEEE events like AI workshops and industry leader talks for over 150 attendees.

**AUB ABLE Club – Event Officer**

**Oct. 2021 - Present**

- Organizing multiple events to increase awareness regarding mental and physical disabilities.

**Toastmasters International – Public Speaker**

**Sept. 2021 - Present**

- Organizing weekly public speaking events and presentations on multiple subjects.

**Remy Rebeiz Young Heart Foundation – Volunteer**

**Dec. 2018 - Jan. 2019**

- Organized EKG screenings for over 200 students.

## PROJECTS AND CERTIFICATIONS

**Cancer Prediction Using Convolutional Neural Networks – AI Project**

**Sept. 2021 - Present**

- Implementing Explainable AI techniques and Saliency maps to predict the type and severity of cancer cells.

**House Sales in King's County – Data Science Project**

**April. 2020 - June. 2020**

- Analyzed the contributing factors to the valuation of housing properties.
- Used multiple data analysis techniques and machine learning models to arrive at detailed conclusions.
- Used advanced data visualization techniques using Python and R to display my findings.

**IBM Data Science Professional Certificate – IBM Coursera**

**Feb. 2020 - Sept. 2020**

- Attended 9 courses spanning 10 months in the data science field.
- Implemented tens of machine learning models to extract insights from raw data.

**Transform, Grow and Innovate in Finance – Alison Courses**

**June. 2020 - July. 2020**

- Discovered how to improve a company's finance department through personal, people, process, and systems transformation.
- Learned how to assess the strengths and weaknesses of a business model and plan strategies for success.

## SKILLS AND INTERESTS

**Programming Languages and Tools:** Python, C++, SQL, Node.js, HTML, CSS, PowerShell, Linux Terminal.

**Computer skills:** Data Science, Microsoft Office Suite, Data Structures, Algorithms, Full Stack Web Development.