Rayan Zein

Date of birth: 01-01-1999
Beirut, Lebanon
Mobile : +961 76063437 | Email: Zeinrayan0@gmail.com

Education

American University of Beirut   **2017 - Present**
- Bachelor of Computer & Communications Engineering
- Minor in Economics
- Average: 90.5 | 4.0/4.0
- Expected Graduation: Spring 2021

International College   **2003 - 2017**
- General Sciences
- Graduated with High Distinction

Work Experience

- **Strategy&** (Formerly Booz & Company)
  Global top-tier management consulting firm with strong presence in the MENA region
  Summer Associate   **Summer 2020**
  Worked on a B2B innovation development project for a leading telecom operator in the Middle East
  - Identified and shortlisted potential partners for a digital solution to be implemented at a national level
  - Analyzed three TMT trends (5G, IoT, and G-cloud) and presented case studies and analysis of international benchmarks
  - Assisted in the development of two strategy documents for 5G and IoT
  - Analyzed 1000+ countrywide initiatives, while prioritizing ICT ones based on several criteria (e.g., approved budget size and estimated market size), and built an execution roadmap
- **Data Consult**
  IT Services firm with expertise in solution design, solution integration, managed services and digital innovation
  Data Integration Intern   **Winter 2020**
  - Developed a video calling application that can record an incoming webRTC call using the MERN stack
  - Developed a web-based interface to perform a video call, or manage and replay recorded ones

Projects

- **KPI Tracking Software: Final year project**   **Present**
  In collaboration with Ray Labs, a PropTech company focused on digitalizing property and tenant management
  Our final year project (FYP) aims at developing a KPI software that tracks metrics available from client data.
  - The system must be able to report the captured data in BI dashboards supporting several types of graphical visualizations
  - The system must support both real-time and aggregate data
  - Technologies used/ to be used include: Apache Hadoop, Kafka Streams, Confluent, and Tableau
  - This software will also be utilized by Open Map Lebanon, an organization committed to promoting open data, data governance, and data-driven decision making in Lebanon
- **Forecasting Lebanese Power Demand**   **Present**
  The goal of the project is to estimate the power demand in Lebanon based on historical consumption data.
  - The project uses human centered design (HCD) thinking and machine learning by training the ARIMA model to solve a real-world problem

Extracurricular Activities

- **Finalist at the Darwazah Startup Accelerate 2020 Competition**   **Present**
  Created a startup idea along with my team to launch a platform for Lebanese citizens to purchase fruits and vegetables from farmers directly, getting rid of all intermediaries
- **Research Assistant with Dr. Joseph Costantine (AUB)**   **Fall 2019**
  Assisted Dr. Costantine as a member of the Radio Frequency Research Team on designing antennas for 5G

Computer Skills

• Python	• C++	• HTML/ CSS
• SQL	• JavaScript	• MongoDB
• R	• Java	• Microsoft PowerPoint & Excel

Additional Information

INTERESTS: Technology, Telecommunications, Finance and Banking, Sports, and Travel
LANGUAGES: ● Arabic & English (Native and Bilingual)   ● French (Intermediate – Delf B1 recipient)