Rayan Fakher

COMPUTER AND COMMUNICATIONS ENGINEERING STUDENT

Beirut, Lebanon

☎ +96171668745 | ✉ ryf02@mail.aub.edu | in linkedin.com/in/rayan-fakher-332612108

Education

American University of Beirut   *Beirut, Lebanon*
BACHELOR OF ENGINEERING IN COMPUTER AND COMMUNICATIONS ENGINEERING   *August 2015 - May 2020*
WITH A MINOR IN BUSINESS

Amjad High School   *Beirut, Lebanon*
LEBANESE BACCALAUREATE   *2000-2015*

Experience

Fleets.ai in Beirut Digital District   *Beirut, Lebanon*
BACK END INTERN   *July 2019 - November 2019*
- I was in charge of establishing the back end of the software product where I developed the model classes, designed the database schema, enhanced the login and sign up validations, and utilized API micro services in order to connect to the database.

Projects

FINAL YEAR PROJECT - COMPETENCY MATRIX
- Based on a meeting with Murex, we developed a web application to be used by companies to better manage their human resources taking into consideration the skills possessed by their employees and the set of resources needed for a specific project. Technologies used: Vue.js for frontend, Spring Boot for backend.

INTERNET SECURITY
- Developed an attack tool from scratch using Python language on a device running Kali Linux. Attack type: Teardrop. Description: Sending two fragments with one overlapping the other.

FINANCE AND ACCOUNTING
- Compared the performance of Audi,BMW, Mercedes, and VolksWagen with respect to ratios calculated from their balance sheets, cash flows, and income statements.

MANAGEMENT
- Conducted complete SWOT analysis on MEA (Middle East Airlines) and studied the disruption of SpaceX on the telecommunication industry.

Skills

Software Languages: Java, C♯, Node.js, Python, HTML/CSS, Bootstrap, JavaScript
Frameworks: ASP.NET, Vue.js, Spring Boot
Softwares: MS Excel, Wireshark, SNORT, MATLAB, PostgreSQL, PSPICE, Thomson Reuters Eikon
Languages: Arabic (Mother Tongue), English (Fluent)

Activities

- Ranked 4th in the Project Management Institute MENA pioneering youth competition
- IEEE Member
- Participated in the BMW Group Beirut Hackathon 2019