JAD YOUNES

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EDUCATION

- Currently: **American University of Beirut:** Computer Communication Engineering.
- From 2000 to 2015: **Saint Vincent de la Charité Clemenceau:** Lebanese baccalaureate, General Sciences [GS] (graduated with distinction)

EXPERIENCE

- From 9/19 till present: **Wavemark – Cardinal Health:** Part Time Job in Parallel with my University studies,working as a junior software developer, working with 'React' (front end) and Spring MVC (back end). Working on maintaining wavemark's application, fixing bugs, and adding new features under an 'Agile Scrum' team.
- From 4/19 till 6/19: **Azadea:** Interned as a software developer, I was given a full client to server application to work on. Used native android to write the front end (using programmatical Design Patterns), ASP.NET as back end, and SQL server for the database.
- From 4/18 till 6/18: **BANK AUDI:** Job shadowing on the infrastructure team (specifically the networking and systems sub-teams), and done a lab where I created 4 virtual machines (OS: windows server- active directory, file server, client server & outlook exchange server).
- 09/17 till 04/19: **AUB – Work Study**: In the computer labs of the electrical and computer engineering department.
- 15/04/19: **IEEE AUB:** Organized with a student body a cybersecurity event: "CyberSecurity Day: talks by experts from CYVYs, the ISF, the Lebanese army and the Special Investigation Commission of BDL, followed by a Dark net workshop.
- 02/17 – 06/17: **AUB – Work Study:** as receptionist and salesman (in the archaeological museum in AUB)

RELEVENT UNIVERSITY PROJECTS

- CUDA Project: Based my project on the CPP algorithm used in networking. Tried to implement kernels to operate on the GPU in order to accelerate the parallelizable part of the algorithm.
- Sensors Integrated Fighting Glove: Worked on a glove that gives you access to many performance metrics such as: power, speed, punch type and endurance. When you finish training, data will be transferred via Bluetooth to your laptop, and will be saved in a history tracking datasheet.
- PCB project: Designed an interface PCB board to make the propper connections between a speaker, two power supplies, and a MP3. Went through the process of PCB board design layout, manufacturing, and fabrication.
- Verilog project: Using MoldelSim, I implemented a memory that contains two doubly list arrays, a processing unit that takes each element of the lists, squares them, and add them, and accumulate the result of the elements, and controller unit.
- Car alarms - networking: Java project. Implemented a client-server architecture. Chose 12 car sensors that worked as clients and related them to 10 car warnings on the server side.
- Hotel Management System: An assembly (PIC16f877a) code program, designed to choose between two Hotels, check in a room, choose the number of days, and check out.
- Sumo robot: FEA Sumo – Robotics Competition [FEAA 200] Beirut, Lebanon. Designed Robot's Software Using LabVIEW. Collaborated in Robot's Structure.

LANGUAGES

- Arabic – Fluent
- English – Fluent
- French – Fluent

COMPUTER SKILLS

- Java – C++ – Html – Css
- NVIDIA CUDA (parallel programming)
- VHDL – Verilog – Assembly code
- Labview, Arduino, Angular
- Android native, ASP.NET, SQL
- React, Spring MVC

SOFT SKILLS

- Cooperative, very active
- Efficient under pressure
- IEEE member