

Education & qualifications

- **American University of Beirut**– 2018 – Present **Beirut, Lebanon**
 - **Degree subject** – Computer and Communications Engineering with a minor in Business.
- **International School of Choueifat (SABIS)** – Graduated 2018 **Beirut, Lebanon**
 - General Sciences Bachelorette.

Professional profile

- **Programming languages:** C++, Java, VHDL, Python, RISC-V.
- **Software:** Matlab, Vivado, MPLabs, LabVIEW, OrCAD, Proteus, NetBeans, Arduino, ModelSim, Linux.
- **Languages:** English, Arabic, French.
- **Traits:** Organization, Teamwork, Flexibility, Work Ethic, Loyalty, Problem Solving Skills, Communication, Outside of the box thinking, Honesty, Technical Competency.

Placements and projects

- Created a Graphical User Interface using Java programming, NetBeans, and WAMP server.
- Used VHDL programming and ModelSim to create different digital designs and tested them through studying their output wave functions.
- Used OrCAD to create different electric circuits with multiple inputs and outputs and studied the wave forms of each component.
- Merged hardware and software by writing VHDL code using Vivado and visualizing the output on a breadboard.
- Designed and programmed a robot using LabView.
- Participated in the iPark accelerator program at AUB with an innovative project where I developed my entrepreneurship and pitching skills.

Research and Jobs

- Worked with the IT business analyst group, through the Work Study Program, solving glitches that occurred when AUB employees used their account – **Summer 2019**
- Research with Dr Ali Chehab at AUB concerning the Internet of Things; different security threats, their respective countermeasures, and how to implement access control. – **In progress**
- Research with Dr Ibrahim Issa at AUB concerning communication systems and Information Theory. – **In progress**

Awards and recognition

- Entered a robot competition in a team of 3 and placed 3rd out of 50 teams- **2018**
- Entered a bridge building in a team of 3 and placed 4th out of 70 teams- **2018**

Interests and Volunteering

- Volunteering at an animal shelter.
- Volunteering with Dafa NGO.
- Volunteering at orphanage.
- Organized a campaign to collect clothes and food to donate.