

- OBJECTIVE:** Highly motivated student experienced in software and hardware aiming for an internship at BeamBot.
- EDUCATION:**
- 2017-To date
(Class of 2021) *Bachelor's in Engineering, Computer and Communications Engineering*
American University of Beirut, Bliss, Beirut – Lebanon
Dean's Honor list student
Interests: Computer architecture and design – Computer organization – Reconfigurable computing – Autonomous vehicles – Networking and security – Operating systems
- 2002-2017 *Lebanese Baccalaureate, General Sciences*
Ranked 7th in Beirut on Official Baccalaureate Exams 2017
Hariri High School II, Batrakieh, Beirut – Lebanon
Honor list student
- COMPUTER SKILLS:** C++, C, Python, Java, MATLAB, VHDL, Verilog, MIPS, Adobe Premiere, Adobe After Effects, MS Windows, MS Word, MS Excel, MS Power Point
- LANGUAGES:** English and Arabic
(Spoken + Written)
- EXPERIENCE:**
- 2019-To date **American University of Beirut**, Beirut, LEBANON
Electrical and Communications Engineering Department
Teacher assistant (with Dr. Lama Hamandi) responsible for:
- Correcting quizzes and exams
 - Offering problem solving sessions twice per week
- 2019-To date **American University of Beirut**, Beirut, LEBANON
Electrical and Communications Engineering Department
Research topic: Autonomous electric vehicle security
Research assistant (with Dr. Lama Hamandi) responsible for:
- Devising algorithms related to autonomous car security
 - Implementing these algorithms in software and hardware
 - Analyzing these algorithms within a framework and providing recommendations
- 2018-2019
(Part Time) **Triple A Tutoring Center**, Beirut, LEBANON
High school tutor responsible for:
- Explaining material on daily basis
 - Providing exercises and mock tests in preparation for official exams
- 2015-2015
(Summer job) **Oweini Computer Store**, Beirut, LEBANON
IT technician responsible for:
- Building, repairing and updating personal computer systems and laptops
- PROJECTS:**
- 2019- 2019 **ADXL345 Accelerometer Application**
- Utilize an FPGA board to program and manage an accelerometer application (using VHDL and C)
- 2019-2019 **Memory Game**
- Programmed on a PIC16F84 chip using Assembly
- 2019-2019 **Airline Reservation application**
- Includes a multithreaded server, database, and graphical user interface (using Java and mySQL)
- 2018-2018 **Vending Machine**
- Designed using VHDL