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Objective

Dedicated graduate intending to apply to your company, offering creativity and critical thinking skills to help generate innovative ideas, and gain experience from your firm.

Education

September, 2014 - May, 2018	B.E. in Electrical and Computer Engineering | American University of Beirut (**AUB**), Beirut, Lebanon. Senior Year GPA: 3.5 Relevant Courses: Control Systems, System Analysis and Design, Industrial Control, Instrumentation, Electronics, Digital System Design I and II, Accounting, Decision Making, Finance
2000 - 2014	Lebanese Baccalaureate II in General Sciences | Ranked among the top three throughout high school

Experience

December, 2017 - February, 2018	*Part-time Sales Member*, **Furniture Catch**, Beirut. Participated in the exhibition. My role also included to pass by stores and set a deal with them.
September, 2017 - May, 2018	*Teacher Assistant in the Electronics Course*, **AUB**, Beirut. Helped the students and corrected the drop quizes and assignemnts.
June, 2017 - July, 2017	*Internship* at the Technical University of Kaiserslautern, **TUK**, Kaiserslautern, Germany. The goal of the internship was to synthesize a VHDL design and verify hardware properties.
September, 2016 - December, 2016	*Assistant in Introduction to Engineering and Architecture Course*, **AUB**, Beirut, Lebanon. Teaching Assistant (TA) for LABVIEW sessions. Team Leader to prepare and test the Robot Kits used in the Robotics Competition for the course, and organize the course logistics.
March, 2015 - April, 2016	*Office Work*, **AUB** Medical Center (**AUBMC**), Beirut. Office work and workshop preparation.

Projects Accomplished

Balance control of Rotary Arm, The project involved modeling, analysis, and design of the rotary inverted pendulum of the QUANSER QUBE – Servo 2.

Control of a Robotic Manipulater Arm, The project involved designing and modeling a control system using MATLAB to meet the required specifications.

MIDI Controller, The aim was to use the proximity sensor to control pitch, the flex sensor to control volume, and the gyroscope/accelerometer to control vibrato.

Invertor Ring Oscillator Chain, The project studied the operation of an inverter ring oscillator chain in CMOS technology and the simulation was done using HSPICE.

Operational Amplifier,The project involved designing an integrated circuit CMOS operational amplifier using PSpice.

Binary Adder, The project involved designing an arithmetic circuit that can add three-digit Binary Coded Decimal (BCD).

Modulo Arithmetic Calculator, The project involved performing arithmetic on polynomials in any given Galois Field with a Graphical User Interface (GUI) using MATLAB.

Financial Analysis, The project involved analyzing the financial ratios of some desired U.S. company along with its competitors during a specific duration.

Summary Skills

Computer Skills:	MATLAB, AutoCAD, VHDL, SYSTEM VERILOG, Mathematica, PSpice, HSPICE, C++, SYSTEM C, Proteus, LabVIEW, Simulink, CX-Programmer, and E-Plan.
Languages:	Fluent in English and Arabic.
Soft Skills:	Leadership, Communication, Team Building, Public Speaking, Management.
Microsoft Office Skills:	Word, Powerpoint, Excel.

Extracurricular Activities

March, 2012	**High School Volunteering**: Distributed food to underprivileged populations as part of a community service program.
February, 2012	**High School Activity**: Participated in the Science Fair.
April, 2010	**ATEL**: Participated in ATEL Competition.
Sports	Basketball and Soccer.
Others	Ranked first in all English Competitions held at my High School