Aya Hariri
Beirut, Lebanon
+961-3-981724
ash30@mail.aub.edu; elhariri.aya@gmail.com

OBJECTIVE

Seeking a full-time or part-time job in which I can make use of the knowledge I have acquired from studying Electrical and Computer engineering.

EDUCATION

From 09/2015 to 05/2019	**American University of Beirut**	Beirut, Lebanon
	Bachelor's in electrical and Computer Engineering.	
	Expected Date of Graduation: June 2019	
	Major GPA: 3.4	
	Overall GPA:3.1	

EXPERIENCE

From 06/2018 to 08/2018	**University of Illinois at Urbana-Champagne**	Illinois, USA
	Position Held: Intern	

- Develop workloads and instrumentation routines which would characterize the performance of branch predictors built on machine learning models.
- Write a Perceptron to work as a branch predictor using Python.
- Build and develop code using PIN, libXed, and QEMU

From 02/2018 to 05/2018	**American University of Beirut**	Beirut, Lebanon
	Position Held: Teacher Assistant	

- Give a recitation session
- Grade Homework

PROJECTS ACCOMPLISHED

- Design of a light controller using the TM4C123GH6PM Chip
- Design a robot arm controller
- Design and simulation of a distortion stomp box
- Model the QNET 2.0 VTOL and design controllers for it.
- Design and implement of an indoor map with RFID localization for a smart shopping cart system (final year project)
- Implementation of ALU using VHDL
- Implementation of an architecture of VNLP including memory, Datapath and controller using Verilog
- Implementation of a design that drives the OLED display of the ZYNQ Board using Xilinx Vivado

SKILLS

Languages: Fluent in English, Arabic and French.
Computer Skills: LabVIEW, ModelSim, MPLAB, Microsoft office, PSpice, Vivado, Visual Studio, Keil, ExpressPCB, Proteus, Oracle VM VirtualBox, QtSpim,PIN, QEMU, Hspice, Ruby on Rails, EmberJS
Programming Languages: C/C++, MATLAB, VHDL, Verilog, Assembly, JavaScript, HTML5, LaTex, Python,Linux, Ruby, CSS
Soft Skills: Leadership, communication, teamwork, organization, motivation