Mohamad Orabi

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Personal Objective

A highly motivated undergraduate student seeking an internship in Electrical and Computer Engineering. I invest a lot of my time in acquiring both technical and social skills that have prepared me well for a professional work environment.

Education

Lebanese American University – Byblos, Lebanon | 2016 – 2020

- B.E. in **Electrical Engineering** – **GPA 3.91** | Expected Graduation: 2020
- Placed on the Dean's High Distinction list every semester
- Awarded a full scholarship by the University Scholarship Program (USP) hosted by the US Embassy.

Software

Proficient in **Matlab, Simulink**, Pspice, and Altera Quartus for circuit design and simulation.

Programming

- Unity: **Javascript** and **C#**
- Xcode: **Swift**
- Eclipse: **Java**
- Assembly: **HCS12**
- Also familiar with **Python, HTML**, **CSS, Github** Version Control and Google's **Firebase** services.

Achievements and activities

- **Vice president** of the Engineers Without Borders club at LAU, Spring 2018
- **Community service project:** Preparing a workshop for two public high schools about Engineering, Robotics, and Arduino
- **Job shadowed** a maintenance planner at CBRE.
- **Volunteered** in Beirut Marathon, as well as several beach cleaning and tree planting activities.
- **Java Instructor:** Volunteered as a main instructor for the IEEE Java Workshop in LAU.

Academic Projects

Home Automation System	Designed and Implemented an electric circuit that controls the lights and curtains in a room depending on the light of the surrounding environment and the input of the user.
Parking Ticketing System	Designed and implemented a logic circuit that gives you the amount left to be payed according to the number of hours stayed and the amount already paid.
Multifactor Authentication System	Designed an authentication system that takes as input a button combination, a rotation of a knob, and range from an ultrasonic sensor in whichever order the user chooses using a MCU and HCS12 Assembly.

Workshop

Time Management	March 2018
Public Speaking – How to deliver an effective presentation	February 2018
Optimizing future cellular networks by Dr. Hadi Gauch	January 2018
Arduino Workshop	October 2017
Work Ethics	June 2017