

Luis Millan

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Objective

Acquire more experience through jobs, co-op or internships with the objective to improve myself as a competitive professional within the Computer Engineering field.

Education

University of Puerto Rico, Mayaguez Bachelor of Sciences in Computer Engineering, Expected graduation date: December 2017
Major GPA: 3.21

Relevant Experience

Shark Buoy Detection Research

August 2017- Present

- Continue a started capstone project to detect sharks and alert nearby swimmers or surfers
- Connect input devices and send data to a ground station to analyze if objects is a shark.
- Developing programs with microcontrollers **TI TIVA C Series** and **MSP430** for managing data and devices.

Android Mobile Applications

August 2014- Present

- Custom Android Contact Application with Cloud contact download.
- Developed an android mobile application for Enfoque International Film Festival organization.

UTC Aerospace System Coop

January 2016- July 2016

- In charge of creating various web tools for shop floor using PHP, HTML, AJAX, Bootstrap, JS.
 - Created an automated system that extracted information from a private webpage to notify engineers (via email) about different changes in the parts that are being manufactured.
 - Designed system to record pass rates of test in the shop floor; this includes authentication system and traceability to the tester.
 - Developed tools to act as a backup to the main Manufacturing Execution System in case it crashes. This would allow the operators to continue their work.
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Leadership

- In charge of **Idea Platform Association** Application Development Team.
 - Lead Programmer Enfoque film festival Android Mobile Application.
 - Open Capstone 3rd place award for Enfoque Film Festival App on UPRM Campus.
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Skills

Programming: Java, C/C++, Math Lab, Assembly, HTML, CSS, JavaScript, SQL, PHP
OS platforms: Windows, Linux, Mac OS.