Albert Morales

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- Git-Hub: github.com/albertm311

Education

University of Puerto Rico, Mayagüez Campus

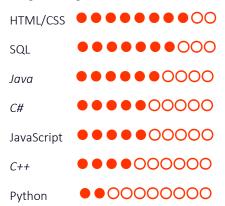
- B.S Computer Engineering
- Minor Art

Expected Graduation: May 2020

Major GPA: 3.02

Skills & Qualifications

Programming Skills Level:



- Microsoft PowerApps
- Microsoft Power Bi Data Analysis & Report
- .NET Framework / .NET Core / ASP.NET MVC
- SQL Server Management Studio
- Microsoft Windows PowerShell
- Active Directory (AD) Management
- Microsoft Office
- Microsoft Visio
- Microsoft Azure DevOps Management
- VPN FortiClient Management
- Thin-Client & Virtual Machines Management
- Leadership; Teamwork; Communication; Presentation; Listening; Problem Solving
- Ability to adapt to new equipment & technologies
- Communication:
 - Spanish Native Speaker
 - English Proficient in Speaking, Writing and Reading

Professional Experience

- Programmer Analyst Intern, MCS Healthcare Holdings LLC., San Juan, PR (January 2019 - July 2019)
- Development of the SMAD (System Main Architecture Diagram) project, consisting in the creation of an architectural diagram for each of the company's applications and systems.
- Designed and created a SQL Database containing all the general, business and technical information of the MCS systems and applications.
- Created a Console-App in C# and .NET Core Framework for the automatic generation of a Markdown document containing all the business and technical description of MCS systems and applications.
- Designed and created the 'SMAD App' developed in Microsoft PowerApps. This application serves as a CRUD model for the SMAD SQL Database and as access applications/systems "library" for the MCS IT staff. Implementation of MS Power Bi for data analysis and reporting.
- Computer Center Assistant, University of Puerto Rico, Mayagüez Campus (January 2018 May 2018)

Ensure the proper use of the computer equipment; entry of data records; primary support to less skilled users

- VESO Drone Undergraduate Research, University of Puerto Rico, Mayagüez Campus (January 2016 - August 2017)
 Professor Kejie Lu, PhD.
 - Disaster Alert Management System & Web Application
 - Drone Implementation to Assist Local Emergency Organizations

Creation of a system that will alert the user in the event of a disaster using the Versatile Service Oriented Wireless Mesh Network platform. Design, provide and implement a drone-carried ondemand Wi-Fi infrastructure and communication platform for emergencies. Integrate technologies with Human-in-the-loop to attend critical needs when a disaster strike.

• Library Assistant, University of Puerto Rico, Mayagüez Campus General Library (June 2016 - July 2016)

Book shelving; customer service; assist in the rooms and equipment loan; provide computers for students and employees, and support to less skilled users

• Health Information Technology-Coop, Abarca Health LLC., San Juan, PR (August 2015 - December 2015)

Assists the Research-and-Development and Infrastructure team in the development and progress of various platforms used to provide the company services.

Programming Projects

- Minesweeper ICOM4015: Advance Programming Project
 An original version of the game "Minesweeper" created in Java programming language
- BattleStarX ICOM4015: Advance Programming Project
 Original Version of the classic game "Galaga" created in Java programming language
- File System Simulator and Virtual Disks Systems ICOM4035: Data Structures Project

 Design and develop a simulation system to find the person or group of persons who committed
 a series of robbery crimes in an island. Created in Java Programming Language. Worked with
 virtual disks and use it in a process that will implement a simple virtual file system.
- Car Dealer Backend Service ICOM4035: Data Structures Project
 Build the server-side code, called a backend, of an application that keeps track of information in simulated car dealer. Implement Representational State Transfer calls and encoding data with JSON, using Java Jersey.

Leadership Experience

- Johnson & Johnson Corporate Readiness Program, Mayagüez, PR (2014)
- Boy Scouts of America, Puerto Rico Council (2007 2014)
 - Crew 311 Venturing Program: Vice-President and Treasurer
 - Troop 311 Scouting Program: Assistant Scoutmaster and Senior Patrol Leader
 - Venturing Leadership Skills Course (2010)
 - National Youth Leadership Training (2009)

Awards

• Silver Award (2013)

Highest Medal in Venturing Program, Boy Scouts of America

Eagle Scout Medal (2009)
 Highest Medal in Scouts Program, Boy Scouts of America