Albert Morales

El Cobo 3038, Aguadilla, PR 00603

albert.morales@upr.edu

(787)408-0114

- Website: *albertmm.com*
- LinkedIn: *linkedin.com/in/albert-morales-87b51866*
- Git-Hub: *github.com/albertm311*

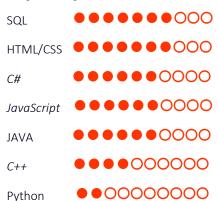## Education

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:**

SQL ●●●●●●●○○○

HTML/CSS ●●●●●●●○○○

C# ●●●●●●○○○○

JavaScript ●●●●●●○○○○

JAVA ●●●●●●○○○○

C++ ●●●●○○○○○○

Python ●●○○○○○○○○

- 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 on-demand 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 - 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-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