

Noel A. Rodriguez

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Objective

I am a Software engineer-aspiring senior college student with design creativity and programming skills looking to obtain a Software Engineer position and gain formal professional experience building websites, apps and solutions that will benefit underserved populations. I am passionate about providing effective and impactful technical solutions to everyday life problems.

Education

Inter American University

B.S in Computer Science

GPA: 3.64

2018 – Present Expected May 2022

Arecibo, Puerto Rico

Relevant Courses: Visual Computing, Structured Programming, Object Oriented Programming, Databases, Mobile Computing, Web programming with Databases, Computer Graphics, Systems Development and Implementation.

Universidad Ana G. Mendez

B.S in Management Business Administration

2014 - 2018

Barceloneta, Puerto Rico

Project Experience

- ◆ Created a dynamic website using PHP/MySQL/HTML/CSS designed to be used as a medical agenda for senior citizens to document follow-up appointments, doctor notes, blood pressure, sugar, among others. <https://manatiweather.000webhostapp.com/IREMEMBER/home.php>. The website also lets the user know if they have abnormal blood pressure and sugar readings based on their inputs.
- ◆ Implemented a website <https://manatiweather.000webhostapp.com/WeatherAPP/> using PHP to supply the forecast of any town name provided. This was achieved by implementing API calls to <https://openweathermap.org/api> from the PHP source code.
- ◆ Used Python skills to develop a twitterbot (*twitter.com*) (@manatiweather) using the tweepy framework to create a social media presence by providing the local community with multiple daily tweets with weather information such as temperature, conditions, humidity, etc. Also, it tweets back if you mention it.

Projects In Progress

- ◆ Dynamic website for a local church organization:
 - Facilitate congregation and new members contact information, directions and any other relevant information the church provides.
 - Provide congregation with latest church's activities information by providing announcements feature.

- Logging capabilities for website administrator which allows them to Create, Read, Update and Delete church announcements as well as blog posts.
- Developed with PHP, JavaScript, MySQL, Bootstrap, HTML and CSS
- Initial deployment to be provided via Amazon Web Services (AWS) Amplify.

Skills

HTML/CSS/Bootstrap	C++,
Visual Basic	Python
MySQL	JavaScript
PHP	phpMyAdmin
VS Code	AWS: Amplify, CDK, IAM, etc. (Learning)
Xamarin.Forms	C#

Soft Skills

Problem solving	Teamwork
Flexibility	Self-management

Extracurricular – Member of Society of Hispanic Professional Engineers (**SHPE**)