

# George Perez Marrero

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## EDUCATION

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University of Puerto Rico at Mayagüez

Mayagüez, PR

Bachelor of Science in Computer Science

May 2020 (Expected); GPA 3.15/4.00

Relevant Courses: Operating Systems, Computer Networking, Relational Databases, Software Engineering

## EXPERIENCE

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Puerto Rico Water Resources and Environmental Research Institute

Webmaster

October 2018 – December 2018

- Started the website transition to a more modern and faster, institutional Wordpress-based platform with improved readability and conformance with current web standards
- **Relevant Skills: Wordpress, PHP**

Department of Finance of University of Puerto Rico at Mayagüez

Work Study Student

June 2018 – June 2018

- Assisted department personnel routinely publishing and updating internal and public documents using Wordpress,
- Collaborated with the department director in documenting active internship insurance policies during the 2018 summer break using FileMaker Pro
- **Documented over 250 departmental furnishings and supplies** in a digital database, **completing data entry on-time for the first time of fiscal year close**
- **Relevant Skills: FileMaker Pro, Wordpress**

Puerto Rico Seismic Network

Student Worker (Web Developer)

August 2017 - April 2018

- Built on the research page web map by implementing a faster, more accessible, and fully responsive web map for the geodesy research page using **Leaflet.js**
- Worked with the Seismic Network's IT personnel with various tasks such as updating internal and public documentation, diagnosing computer problems, and setting up audio/visual equipment
- **Relevant Skills: Leaflet.js, PHP**

## PROJECTS

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Mamba Database Systems

January 2019 - May 2019

- Built a **small business inventory system with CRM-like features** with the **Agile/Scrum methodology** using **Flask (Python), Ninja2, MySQL and Bootstrap**. A **RESTful API backend updated the Ninja2/Bootstrap-based frontend**
- Tracked customer orders along with client name and product listing, business info, products, stock, purchase price, SKU, among other things in a typical small business scenario
- **Relevant Skills: Python, Flask, MySQL, Bootstrap, RESTful**

TITANPOINTE

September 2016 - Present

- Built a personal website using Jekyll and Ruby to serve as a creative bed for development
- Created a student resource that automated fixes for SSH connection issues **that served over 10000 requests from more than 800 unique users without slowdowns or outages**

## SKILLS

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- Intermediate knowledge of **C++**, **HTML/CSS**, **relational database design**
- Beginner knowledge of **Ruby, PHP, Swift, Javascript**
- Experience with **Agile/Scrum development**, with **modeling and simulation with Python**, **git**, **Heroku**, **Flask**, **Python**, **GitHub**, **Xcode**, **Jekyll**, **Apache web server**, **nginx**