

George Perez Marrero

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EDUCATION

University of Puerto Rico at Mayagüez
BS in Computer Science

Mayagüez, PR
Expected Graduation: December 2019

EXPERIENCE

Department of Finance of the University of Puerto Rico at Mayagüez
Work-Study Student Worker

Mayagüez, PR
June 2018 - June 2018

- Assisted department personnel routinely publishing and updating internal and public documents using Wordpress, as well as the department director in documenting active internship insurance policies during the 2018 summer break using FileMaker Pro
- Documented yearly departmental furnishings, desks, chairs, and computers in a digital database – done for the first time on-time of fiscal year close

Puerto Rico Seismic Network
Student Worker (Web Developer)

Mayagüez, PR
August 2017 - April 2018

- Improved the research page web map by implementing a **faster, more accessible, and more responsive map** for the geodesy research page using **Leaflet.js**
- Worked in tandem with the Seismic Network's IT personnel with various tasks such as updating information, diagnosing computer problems, and setting up audio/visual equipment

PROJECTS

UAV Search and Rescue Research Project

September 2018 - Present

- Prototyping face identification, along with detection of humans from other objects using Android and OpenCV for search and rescue purposes on the island of Puerto Rico

TITANPOINTE

September 2016 - Present

- Ran Jekyll/Ruby on Rails on CentOS servers with the purpose of running a personal website that would also serve as a creative bed for development creating dynamically generated archive pages using date URL as well as a dedicated webpage that **served over +1000 views from over 600 unique users** without slowdowns or outages

COMPUTER SKILLS

- Proficient in C++, HTML/CSS
- Intermediate knowledge of Xcode, Python, Ruby, PHP, Git, Apache, nginx, Digitalocean, Jekyll
- Experience with Swift, Ruby, Javascript