Marc A. Gonzalez Figueroa

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Personal Portfolio Website: www.marc-profile.com

OBJECTIVE: Obtain an internship or COOP in Cybersecurity to expand and contribute to my field of study.

EDUCATION:

Polytechnic University of Puerto Rico -San Juan, Puerto Rico   **Expected Graduation: May 2024**
Bachelor of Science in Computer Engineering
GPA: 3.563

RELEVANT COURSES:

- Algorithms and Data Structures
- Advanced Programming
- Computer Programming 0, 1, 2

- Microprocessor
- Logic Circuits
- Database Systems

- Microcomputer Interfacing
- Computer Engineering
- Software Engineering

TECHNICAL/NON-TECHNICAL   SKILLS:

- Microsoft Word, Excel, PowerPoint
- Adobe Photoshop
- Basic, C++, JavaScript, HTML5, CSS

- MATLAB, IntelliJ, Eclipse
- Windows 10, Windows 11
- VHDL, Embedded C, SQL

- Bilingual

PROJECTS:

Mission Simulation -Team Member (NASA L'Space Academy)   **January 2021 – May 2021**
- Worked as Engineering and Science Team member.
- Designing a Mission to find active volcanos in Venus.
- Second part of the mission was to find samples of the clouds because the clouds in Venus have sulfuric acid and the team wanted to design the mission to see if that was the reason the temperature and the environment is so rough.
- Making and choosing the best designs for CAD model of a payload for research.
- We had to design the payload to not be destroyed by the winds type hurricane.
- The top three instruments the team used were VMC, SPICAV, Micromega.

Challenge to Innovate: NASA Edition-Team Member   **March 2021 - May 2021**
- Design a prototype for the pharmaceutical industry using NASA technology.
- The prototype detects if a pill is broken or not in the batch before the production starts.
- The instrument that was given to the team could use thermal imaging. So, what the prototype did was grab the batch that was before production, and it could see the invisible to the eye cracks and dispatch the bad batch before production. In other words, the pharmacy wouldn't spend the money to fix the machines because of the bad batches.

Portfolio   **August 2022**
- By doing some research and taking a web development course I could create my own website type portfolio.
- The software that I worked with was Visual Studio Code and Internet browser.
- The languages that I worked with were HTML and CSS. Also used Bootstrap for the visual of the website.
- The website that I designed is for anyone that wants to know what I worked on, more about myself and even download this resume they could see it anywhere.
- The website is also mobile compatible.

Polytechnic University of Puerto Rico, San Juan, PR - Engineering Tutor   **March 2021 – Present**
- Developed a learning method to help students optimize their study sessions.
- Managed to tutor up to 5+ students per trimester in the subjects of introductory mathematics up to advance mathematics and engineering courses.

Martelec Corporation, Caguas, PR-Internship   **April 2022 – July 2022**
- Create a Dashboard for the company using Microsoft Software. By creating this dashboard, the company could view what companies where buying their stock and which projects were in progress or completed.
- Worked on pitches of ideas for the company and different presentations of the work I had done.
- Work on pricing and view the market for different projects.
- Created a database using Access software for the purpose of entering the whole inventory.
- Also worked with the inventory and learned different components of the electrical and construction market.
- Gave pitches of the different software and what to utilize for the company's future.
- Worked with the companies eBay store.

Certificates and Awards:

- Certificate of completion Challenge to Innovate: NASA Edition.
- Certificate of completion NASA L'SPACE ACADEMY (Mission Concept).
- Certificate of completion Udemy Beginner Full Stack Web Development.
- Certificate of completion Python Basics for Data Science Bootcamp.
- Scholarship You F1rst Scholarship.

Extracurricular:

- Weightlifting Team, PUPR   May 2021 – Present
- NASA Lucy Launch (Attendant)   October 2021