GABRIEL SANCHEZ MALDONADO

 github.com/GabiiSM ✉ gabriel.sanchez17@upr.edu

 Ave Escobar,Barceloneta,PR 00617 ☏(787)-377-6502

EDUCATION

University of Puerto Rico, Arecibo *Expected Graduation 2024*
Bachelor of Computer Science
GPA:3.01 *ABET - CAC Accredited*

SKILLS

Programming Languages:	Javascript,Mongodb,C++, Python, Flask, R, HTML, CSS, Bootstrap, PHP,MYSQL
Other:	Data Structures ,Microsoft Office, Visual Studio, DB Browser
Languages:	Spanish , English
Soft Skills:	Responsible, Organized, Motivated , Self Learner

RESEARCH EXPERIENCE

NASA L SPACE ACADEMY *09/2020*
Computer Scientist
-This academy is designed to gain a greater understanding of skills in NASA mission protocols, procedures, and practices, as well as providing with the opportunity to work within a virtual, interdisciplinary, and co-located team of students who are also passionate about science and engineering.

-Work with JMARS and Find Potential Landing Areas.

NASA Artemis Mission *09/2020*
Computer Scientist

Mentored by Dr. Eliana Valenzuela Andrade

-Developing different methodologies for a proposal on NASA Artemis mission to be able to take the first woman and the next man by 2024. With this mission,NASA will create new tools that will be tested on Mars in the future.

-Working with swarms to search for resources, the collected data will be transmit with statistics. One of the approaches I had in this proposal was the heuristic algorithms and how they could help us to find the best search for resources and the performance that swarms will have on the moon.

PROJECTS

Software Engineering *Aug - May 2024*
Redesign Front-end and Back-end
-Redesign one of my college pages using PHP, HTML and CSS.

Advance Web Development *January 2023*
Design Restaurant reservation System
-Designing , implement and testing restaurant reservations system using Javascript.

Database Systems *January 2023*
Design Ecommerce Website
-Designing , implement and testing eCommerce site using Python Language and Flask Framework.

EXTRACURRICULAR

RODEL , Robotic Development Laboratory
Computer Scientist
- Assembling Robots to test them for the competiition.
- Attend Conferences