RAMON GARCIA JR

CYBER SECURITY – STUDENT

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EDUCATION

University of Texas Rio Grande Valley
Some of my current achievements include Presidents List Recipient, National Society of Leadership, and Success candidate. GPA: 3.82

Bachelor's of Science - Major Cybersecurity
2020 – 2024

Master's of Science - Major Informatics
2020 – Present

Sharyland High School
Some of my achievements include A/B Honor Roll, Dean's List, Presidents List, and Perfect Attendance. GPA: 3.7 Rank: Top 30%

High School Diploma
2016 - 2020

WORK EXPERIENCE

McDonald's | Crew
2021 – 2023
Working at McDonald's has been one of the best tasks I have undertaken. I have learned so much and enjoy the work.

LEADERSHIP EXPERIENCE

Collage Rocket Organization | Telemetry Lead
2021– Present
Being able to head the rocket launchers telemetry team has allowed me to grow my skills. I have learned about electrical systems as well as software systems. Being the team lead I am hoping to teach everything I have learned to those that will one day fill my place.

High School Robotics | Captain/Programming Lead
2017 – 2020
Being able to be the caption for one of our school's robotics teams was one of the best experiences I have had it taught me a lot about team management and teamwork.

CERTIFICATIONS

CompTIA Network+ ce   **VERIFICATION CODE:** RF5NJ8Z8K7PLVKK6

CompTIA Security+ ce   **VERIFICATION CODE:** NTPZNDKW38LLVL37

PROJECTS

Image Reset API
During my spare time, I enjoy playing a game called Garry's Mod within this game there is a "programming" language and screen. These screens can have each of their pixel data set but there is no easy way of taking an image from the internet and displaying it on one of these screens. So I created an API that takes an image and returns all the pixel data within the image. In the game then the pixel data is used to draw an image.

Telemetry Acquisition System

During my time at UTRGV, I was blessed with the opportunity to be the telemetry Team Lead for the rocket launchers. During my time as the lead, I was able not only to work in helping design and manufacture the PCB/flight computer for our 2023 Spaceport America cup rocket I was also spearheading the development of our flight computer software.

Semester Project
During my spring 2023 semester at UTRGV, I was tasked with creating a system that incorporated physical security with a software element for a semester project. The system used a raspberry pi, a server, and a mobile application. The system worked by asking a user to enter a physical password using the GPIO pins of the raspberry pi. The password would then be sent to a server and stored via a SQL Lite server for later use. The mobile app would then request the password from the server before allowing the user to access the mobile app.

Portfolio Website
After creating a handful of projects, I decided to create a place where I could showcase my work. So I created my portfolio website. The website is built using a multitude of different frameworks and libraries one of these frameworks is next.js and one of the many libraries is tailwind. Using these two and many others I was able to create a home for my projects.

SKILLS

Programming JS/C++/C#/Python	Team Management
Problem-Solving	Bilingual
Simple UI/UX Design	Time Management