# Roody Pointjour
Computer Engineer

(561) 699-2743   roody.jerry@yahoo.com   linkedin.com/in/roody-pointjour/   github.com/rpointjour/career_portfolio

Determined Computer Engineer with a passion for software development and a successful track record of integrating complex systems. Seeking a challenging role where I can leverage my technical proficiency and knowledge of data encryption, network security, and cybersecurity protocols to design and develop innovative technologies.

## Skills

- HTML
- CSS
- JavaScript
- Java

- Data Encryption
- Network Security
- C
- C++

- Python
- SQL
- MySQL
- Microsoft Office 365

## Experience

*Computer Engineer & Integration Specialist – Full-time*  —  Sarasota, FL
**Rapid Composites**  —  December 2022 – Present
- Integrated a system that utilized long-range AES 256 encryption
- Interfaced a system with ground station for object tracking and object detection using Python
- Tested different systems for ability to perform in a GPS denied environment

*Concierge Technical Support Specialist - Contract*  —  Boca Raton, FL
**Colliers International**  —  June 2022 – December 2022
- Tracked and logged over 500 requests for desktop service in Service-Now
- Imaged laptops, desktops, and workstations
- Troubleshooted issues with Microsoft Office 365 and Microsoft Teams

*Business Mobility Technical Support - Contract*  —  Boynton Beach, FL
**ACG**  —  January 2022 – June 2022
- Troubleshooted advanced technical issues for over 200 business clients
- Solved problems and developed practical solutions for business needs

*Front End Developer – WordPress Intern*  —  Boca Raton, FL
**TheaterEars**  —  September 2021 – December 2021
- Developed code and troubleshooting for WordPress core
- Created and customized mobile applications using Java
- Managed Database using SQL, MySQL
- Constructed over 20 webpages using HTML, CSS, and JavaScript

## Projects

**Engineering Design**  —  Summer 2022
*TurtleBot 3 Waffle Pi*
- Worked with my team to design a robot capable of autonomously following a leader
- Project revolved around the robot following the leader, either human or another robot
- Tracking system involved the use of a lidar sensor and camera to avoid object collisions

**Intro to Embedded Systems**  —  Summer 2021
*MSP430-G2553*
- Utilized C, C++ programming skills by programming the MSP430 microcontroller and Arduino Uno
- Built a project that detects the distance of an object and motion of a person
- Developed a better understanding of programmable hardware

## Education

**Florida Atlantic University**  —  Boca Raton, FL
*Bachelor of Science in Computer Engineering*  —  August 2022