

ROODY POINTJOUR

St. Petersburg, FL 33716

(561)-699-2743 | Email: roody.jerry@yahoo.com | LinkedIn: <https://www.linkedin.com/in/roody-pointjour/>

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

Software: Eclipse, Multisim, Android Studio, Visual Studio, Visual Studio Code, Microsoft Office, Code Composer Studio, SolidWorks, AutoCAD, Network Security, Data Encryption, Cybersecurity Protocols (AES), Git

Hardware: MSP430-G2553, ESP32, Arduino, Oscilloscope, DC Power Supply, Multimeter

Programming Languages: C, Java, C++, Python, JavaScript, SQL, MySQL

Web Development: Developed websites using the React JavaScript library and Django Back-End framework

Mobile App Development: Created mobile apps using Android Studio

EXPERIENCE

Computer Engineer & Integration Specialist

Sarasota, FL

Rapid Composites

December 2022 – Present

- Integrated a system that used long-range AES 256 encryption
- Interfaced a system with ground station for object tracking and object detection
- Tested different systems for ability to perform in a GPS denied environment

Concierge Technical Support Specialist

Boca Raton, FL

Colliers International

June 2022 – December 2022

- Imaged laptops, desktops, and workstations
- Provided desk side support for hands-on issues

Business Mobility Technical Support

Boynton Beach, FL

ACG

March 2022 – May 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 plugins and themes
- CMS/Database Management
- Website Page Construction

RELEVANT PROJECTS

Engineering Design

Summer 2022

TurtleBot3 Waffle Pi

- Worked with my team to design a robot capable of autonomously following a leader
- Robot tracked either a human, or another robot. Tracking involved use of a lidar sensor and camera

Intro to Embedded Systems

Summer 2021

MSP430-G2553

- Utilized programming skills by programming to the MSP430 microcontroller
- 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