

# Juan Ramirez Mendoza

juanramirez347@gmail.com | (561) 232-0553 | <https://www.linkedin.com/in/juan-ramirez-mendoza>

---

## EDUCATION:

**B.S in Computer Engineering;** Florida International University, Miami, Florida December 2022  
*Concentrations: Embedded systems, Data system software*

---

## EXPERIENCE:

**Palm Beach County Library System (Main Library);** West Palm Beach, Florida May 2024 – Present  
*Library Associate II*

- Design, plan, and deliver engaging technology classes for adults.
- Take initiative and assume leadership in library projects and tasks.
- Provide excellent, personalized assistance to library members, ensuring a positive experience.
- Collaborate effectively with library colleagues, management, and external organizations.
- Assist library patrons in understanding and utilizing digital resources and tools.
- Demonstrated flexibility and problem-solving in handling multiple projects simultaneously.
- Lead the creation and development of a 3D printing class for library patrons, introducing them to the technology and its practical applications.

**Moe's Southwest Grill;** Miami, Florida Jan 2018 – Aug 2018  
*Crew Member – Retail*

- Actively fulfilled various roles, showcasing versatility and adaptability.
- Provided exceptional customer service, ensuring customer satisfaction.
- Thrived in a collaborative team-oriented environment.
- Strengthen interpersonal skills through effective communication

## PROJECTS:

**Low-Cost Water Quality Monitoring Buoy:** Python May 2022 – Dec 2022

- Collaborated as a team member to develop a cost-effective water quality monitoring buoy and integrated three water quality sensors.
- Ensured autonomous operation of the buoy using solar panels and an external battery.
- Adapted seamlessly to a multidisciplinary team environment.
- Coordinated closely with the client to deliver the desired product.
- Successfully navigated through the software and hardware development process.
- Leveraged Raspberry Pi with the Raspbian operating system for successful implementation.

**Personal Website:** HTML, CSS, JS June 2023

- Designed and developed a personal website to showcase my software engineering portfolio.
- Utilized HTML, CSS, and JavaScript to create and interactive and visually appealing website.
- Utilized GitHub Pages to host the website.

## SKILLS:

- Programming Languages: C, C++, Python
- Technical support
- Computer troubleshooting
- Customer service
- Bilingual: Native Spanish Speaker
- Microsoft Office Suite: Word, Excel, PowerPoint