

# Patria Marcano Maldonado

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Dedicated chemistry graduate student seeking a position as a Lab/Research Assistant. Offering a solid foundation in laboratory techniques, analytical methods, and data management, along with excellent interpersonal and communication skills. Committed to ensuring precision and reliability in lab work, while maintaining the highest standards of scientific procedures and safety. Eager to contribute to a dynamic team and support research and diagnostic efforts with a keen eye for detail and a passion for scientific excellence.

## EDUCATION

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### University of Central Florida

May, 2024

*Bachelor's Degree, Chemistry*

Orlando, FL

- Organic Chemistry, Analytical Chemistry, Microbiology, Biology and Physics Lab experience/ 3.4 GPA
- Research in Educational Chemistry, Judges Choice Award at Student Scholar Symposium 2024.

## WORK EXPERIENCE

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### University of Central Florida Chemistry Department

Aug 2023 – Current

*Student Researcher*

Orlando, FL

- Collected data from an active action research and analyzed it for the purpose of evolving higher education.
- Used K-means analysis to identify demographic clusters in team-based learning
- Presented findings at ACS (American Chemical Society), FURC (Florida Undergraduate Research Conference) and SSS (Student Scholar Symposium).
- Responsible for writing and editing papers published or in progress to publish.
- Used R-Studio and Excel for data analysis

### University of Central Florida Chemistry Department

Jan 2021 – Oct 2023

*Learning Assistant*

Orlando, FL

- Taught and assisted in the teaching of 300+ students each semester in the foundational aspects of introductory chemistry.
- Explained and aided students' chemistry understanding to a variety of skill levels
- Demonstrated strong teamwork and communication when planning with peers for future class material

### Chuy's Tex-Mex

March 2020 – Current

*Server*

Orlando, FL

- Demonstrated strong customer service skills over the phone and in-person.
- Responsible for managing server table configurations in the best interest of staff.
- Responsible for ensuring and evaluating customer satisfaction.

## CERTIFICATIONS, SKILLS & INTERESTS

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- **Certifications:** Phlebotomy Tech Certified
- **Skills:** English-Spanish Bilingual, Data Analysis, Specimen Collection, Teamwork, Communication, Lab Safety.