

# DANIEL A. ROMERO MORGADO

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## OBJECTIVE

Aspiring CS/DAS intern, eager to apply academic knowledge in a professional setting, with a particular interest in game and software development. Motivated to enhance practical and programming skills while contributing to the creation of impactful programs.

## EDUCATION

**Bachelor of Science in Computer Sciences and Digital Arts and Sciences** **May 2026**

University of Florida, Gainesville, FL

GPA 3.8

Relevant Coursework: Data Structures and Algorithm, Applications of Discrete Structures, Programming 1 & 2 (Python & C++), Creating Mobile Games, Engineering Design & Society, Computer Model Formulation, Professional Communication for Engineers,

## RELEVANT EXPERIENCES (PROJECTS AND HACKATHONS)

**WingCity — WiNGHacks UF Hackathon** (<https://devpost.com/software/wingcity>) **April 2024**

Role: Game Design and Artificial Intelligence

- Developed an innovative game using Open AI's API to address the lack of mentorship available to women, non-binary, and gender non-conforming students.
- Utilized on Unity (C#) as the game engine and Pixel Studio for designing mentors and building sprites

## WORK EXPERIENCE

**Shift Lead** **March 2023 – Present**

Jeremiah's Italian Ice, Gainesville, FL

- Provided stellar guest service, creating a welcoming atmosphere, and offering tailored suggestions based on guest interests.
- Managed daily opening and closing procedures independently, counting tills with \$1,000+ daily, ensuring a smooth start for the team.
- Established clear communication channels to optimize efficiency and enhance worker satisfaction.

**Veterinary Technician**

**June 2022 – August 2022**

Miami Pet Emergency, Miami, FL

- Engaged with patients, handled data entry, created treatment estimates, and maintained income and expense records.
- Assisted the Doctor-on-call during physical exams, diagnostic procedures, and patient notes.
- Conducted lab tests, processed radiographs, performed dental cleanings, assisted in surgeries, sterilized equipment, explained estimates to clients, and filled prescriptions.
- Processed treatment payments exceeding \$1,000.

## LEADERSHIP AND INVOLVEMENT

**WiNGHacks UF**

University of Florida, Gainesville, FL

*Committee Chair - Tech Support*

**July 2024 – Current**

- Leading UF's first hackathon focused on addressing issues faced by women and gender-nonconforming students.
- Creating and managing the DevPost and Discord, while providing direct support to all the other committee directors and Hackathon participants.

**Society of Hispanic Engineering Professionals (SHPE)**

University of Florida, Gainesville, FL

*Design Team – Automated Vehicle*

**September 2023 – December 2023**

- Collaborated with a team to conceptualize and materialize the circuitry of a miniature automated vehicle.
- Implemented a Raspberry Pi and Pi Camera, enabling real-time response and navigation based on live visual feedback

**Hispanic Student Association (HSA)**

University of Florida, Gainesville, FL

*Hispanic Student Association Cabinet – MLP Mentorship Co-Director*

**June 2023 – May 2024**

- Paired 40 incoming members of the HSA MLP Program with upper-class students to provide professional, academic, and social guidance.
- Secured funding through student government for leadership-building and team-bonding events.
- Organized events to foster relationships between mentors, mentees, and other program members.

## OTHER SKILLS AND AWARDS

Languages: English (Native), Spanish (Native), Python (Intermediate), C++ (Intermediate)