

# ISABELLA ARENCIBIA

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## EDUCATION

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### University of Central Florida

BS Mechanical Engineering - *GPA: 3.2*  
Minors: Mathematics, Digital Media

Orlando, FL  
May 2025

## EXPERIENCE

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### Boeing Commercial Airplanes

*Additive Manufacturing Intern*

Auburn, WA

May 2023 – August 2023

- Won an award in a Lean Manufacturing/Kaizen challenge competing against 11 other teams of Boeing employees; as a member of the only intern team, won “Most Creative” solution overall.
- Completed projects that required rapid prototyping, tool design, and additive manufacturing to create shop aids and automated safety devices to be in use with collaborative robots.

### SWE-et College Day and Mystery Design

*Volunteer and Coordinator*

Orlando, FL

Biannual since 2021

- Introduced middle and high school girls to engineering concepts and projects through various seminars and activities, the goal being to spark and foster their interest in the pursuit of an engineering education in their futures.
- Led civil and electrical engineering focused workshops centered on trusses, joints, buoyancy, and wiring motors.

### KW Property Management

*Corporate Intern*

Miami, FL

May 2021 – August 2021

- Managed clients and title agencies to research and provide accurate status and account reports as needed for property sales and closings.
- Worked with other corporate team members in the development and implementation of a paperless process in account receivables. The project was part of an effort to streamline outdated methods which significantly increased department efficiency and overall productivity.

### University of Wisconsin-Madison

*Assistant Researcher*

Madison, WI

July 2019 – August 2019

- Gained hands-on experience in biological research by assisting in daily routines wherever possible.
- This opportunity afforded me valuable insight to real life experiences in multiple areas of practice and research with exceptional doctors and engineers

## PROJECTS

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### PC Design and Build

- Completed a personal project on designing and building a high-performance system from the ground up.
- Compiled and sourced a list of components, assembling them into an aesthetic system with optimal price-to-performance and worked to solve a variety of technical issues that arose during the process.

### Gaming Controller Design and Build

- Working on the development and build of a fully functional gaming controller.
- Built on an Arduino Uno core and to offer customizable functionality to be housed in a custom 3D-printed casing created using the Bambu Lab X1-Carbon 3D printer.

## SKILLS

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- **Computer Software:** CATIA V5, Certified Solidworks Associate, Microsoft Office, Visual Studio Code
- **Web Development:** HTML, CSS
- **Language:** Fluent in Spanish
- **Customer Service:** Excellent Communication, Analytical Skills, Client Relationship Building

## INVOLVEMENT and ACHIEVEMENTS

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### Society of Women Engineers

*Secretary, Marketing Officer*

Elected April 2022, April 2023

### Dean's List – Fall 2020, Summer 2022

UCF – College of Engineering and Computer Science

### National Hispanic and UCF Top Ten Knights Scholarships

May 2020