



# Isabella Schiappa Castro

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## EDUCATION

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**Florida Atlantic University** | Boca Raton, FL

August 2023 - May 2026

College of Engineering and Computer Science

**Coursework:** Data Structures and Algorithms, Programming I/II (C / C++), Calculus I/II

## EXPERIENCE

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### HEADSTARTER AI

Miami, Florida

*Software Engineer | Fellowship*

June 2024- September 2024

- Led a team to develop five AI applications, boosting project turnaround by optimizing workflows during weekly hackathons.
- Achieved top 5% rankings in competitive hackathons, demonstrating advanced problem-solving and technical skills under pressure.
- Enhanced code reliability and adaptability by collaborating with industry engineers to refine project structure, improve coding efficiency, and implement effective debugging strategies.

### CODE CRAFT STUDIOS

Miami, Florida

*Freelance Software Developer | React.js, ReactNative.js, Flask, Tailwind, Firebase*

May 2023 - July 2024

- Built dynamic, responsive websites using React and Next.js, increasing client sales by 35% and expanding online visibility by reaching over 1,000 new customers.
- Elevated client engagement with digital platforms, boosting returning visitors by 50% through enhanced user experiences and interactive features.

## PROJECTS

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**FitMate** | Python, Django, Flask, Bootstrap

February 2024

- Developed an AI-powered fitness app that serves as a virtual personal trainer, enhancing user engagement through computer vision-powered personalized workout routines.
- Increased user retention by implementing interactive workout tracking features, allowing real-time progress feedback.

**Money Mundo** | Python, Flask, JavaScript, Next.js, React.js

September 2024

- Created a financial literacy app for ShellHacks 2024, providing personalized financial advice through machine learning models accessed via a custom API.
- Empowered immigrant users to improve financial stability by offering guidance on credit building, debt management, and budgeting.

**Budget Buddy** | JavaScript, Next.js, React.js

June 2024

- Built a money management app that streamlined expense tracking by integrating automated expense categorization and generating custom budget insights.
- Facilitated financial planning by helping users set and achieve personalized savings goals, enhancing user experience and financial awareness.

**Mine Pantry** | Firebase, Next.js, React.js

July 2024

- Developed a pantry management app using Firebase for real-time data storage, enabling users to manage kitchen inventory efficiently.
- Simplified pantry organization by enabling users to add, remove, and search for items, improving ease of access and reducing clutter.

## SKILLS

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Programming Languages: Python, Java, JavaScript, TypeScript

Frameworks/Libraries: React.js, React Native, Node.js, Flask, Git, Github, Docker, Django, REST architecture

Additional Languages: Spanish (Fluent)

## LEADERSHIP

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**TECH INNOVATORS SOCIETY** | Project Team Lead

September 2023- May 2024

- Successfully recruited 100+ STEM students by organizing weekly C++ and Calculus workshops, growing club attendance by 60%.
- Raised \$2,000 in project funding by leading campus outreach events, supporting 5+ major club initiatives.