




# Barbarella Castillo

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## Education

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<b>Masters of Science in Computer Science</b> , <i>Florida International University</i>	Graduation 12/2025
<b>Bachelors of Science in Computer Science</b> , <i>Florida International University</i>	Degree Obtained
<b>Bachelors of Science in Biology</b> , <i>University of Miami</i> Minors in Chemistry, Psychology, and French.	Degree Obtained

## Work Experience

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<b>Software Engineer</b> , <i>American Express</i> <ul style="list-style-type: none"><li>• Built and maintained full-stack apps with React, and Java, supporting 10M+ cardmembers with above 90% uptime.</li><li>• Delivered secure, end to end features in Agile teams; wrote unit tests with above 90% coverage.</li><li>• Collaborated with cross-functional teams, including Product, UX, and Risk, to launch enterprise grade digital solutions aligned with PCI-DSS standards.</li></ul>	01/2024 – present Sunrise, FL
<b>Data Analyst Intern</b> , <i>Starbucks</i> <ul style="list-style-type: none"><li>• Assisted in data collection, cleaning, and preparation, ensuring high-quality datasets for analysis.</li><li>• Utilized various analytical tools and software to extract meaningful patterns and trends from data, contributing to the team's data-driven strategies.</li><li>• Benefited from mentorship opportunities, expanding technical skills and knowledge in Starbucks technology.</li></ul>	06/2023 – 09/2023 Seattle, WA
<b>Software Engineer Intern</b> , <i>American Express</i> <ul style="list-style-type: none"><li>• Developed and improved end-to-end software solutions for American Express, utilizing cutting-edge technologies.</li><li>• Collaborated with a diverse team of experts to design, develop, and implement innovative software.</li><li>• Learned from industry experts, actively participating in code reviews and technical discussions.</li></ul>	05/2023 – 05/2023 Sunrise, FL
<b>Programming I Teaching Assistant</b> , <i>Florida International University</i> <ul style="list-style-type: none"><li>• Help students understand programming concepts in Java and troubleshoot assignments</li><li>• Provide feedback to students on their assignments and projects</li><li>• Hold office hours to meet with students and provide extra support</li></ul>	08/2022 – 12/2023 Miami, FL
<b>Creative Developer</b> , <i>Women In Computer Science FIU</i> <ul style="list-style-type: none"><li>• Developed and maintained web and mobile applications for the organization and any related events</li><li>• Collaborated with Marketing team to brainstorm and develop new ideas leading to 80% engagement from members.</li><li>• Stayed up-to-date with the latest trends and technologies in software development and design</li></ul>	05/2022 – 12/2023 Miami, FL

## Projects

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<b>NiceBabiesWorld</b> , <i>Lead iOS Developer</i> <ul style="list-style-type: none"><li>• Oversaw the development of a virtual tamagotchi-style iOS app where users care for a digital doll</li><li>• Defined and documented key features, app flow, and tech stack prior to project sprints, creating a clear development roadmap to guide the team's progress, ensuring the delivery of an MVP in 9 weeks</li><li>• Managed 7 developers, reviewed pull requests, and ensured effective tracking of deliverables.</li></ul>	05/2024 – 12/2024
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## Skills

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Java, React, Swift, Swift UI, TypeScript, Python, Docker, NextJS, HTML, CSS, JavaScript, Jest, Bootstrap, Firebase, X Code, REST APIs, Spring Boot, Postman, Node.js, Git / GitHub / GitLab, Figma, Canva