

Charlee Anne Rodriguez

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EDUCATION

B.S. Information Science, Web Development Technologies

Expected December 2025

University of South Florida

Relevant Coursework: Object Oriented Programming, Database Concepts, IT Concepts, Web Design Technologies, Networks & Communications, Information Security Management, Interaction Design

TECHNICAL SKILLS

Languages: Java, Python, HTML, CSS, JavaScript, SQL, Lua, C++

Frameworks & Libraries: React, Tailwind, Electron, Tauri, Pandas, NumPy, Vite, Spring Boot, Gradle

Tools & Platforms: GitHub, Replit, Figma, Confluence, Trello, Microsoft 365, Google Workspace

PROFESSIONAL EXPERIENCE

Code Coach

May 2025 – September 2025

theCoderSchool

Tampa, FL

- Mentored 15+ K–12 students in HTML/CSS/JS, Java, Python, and Lua through project-based learning.
- Create custom projects and lesson plans tailored to student interests and goals.
- Collaborate with other coaches in shared environments (GitHub, Replit) for codebase handoffs and lesson continuity.

UI/UX Designer & Front-End Development Intern

June 2025 – August 2025

CODI (EdTech Startup)

Tampa, FL

- Designed 25+ UI/UX screens in Figma from wireframes to high-fidelity prototypes for a gamified programming language educational app.
- Developed and styled 30+ responsive frontend components using React and Tailwind, improving design implementation.

Instructor

September 2022 – April 2025

Mathnasium

Tampa, FL

- Provided personalized math instruction for K–12 students with a focus on conceptual understanding.
- Tracked student progress using Radius and maintained academic records with Google Workspace.
- Supported academic growth through customized lesson delivery and progress monitoring.

PROJECTS

Personal Professional Website | *React, Vite, Tailwind, Figma*

- Built a responsive personal portfolio using React, Vite, Tailwind, and JoyUI Kit with Figma-based components and wireframes. Translated designs into clean responsive UI, optimized performance via Github Pages, and integrated Google Analytics for traffic and visitor insight.

GlideBin (File Decluttering App) | *HTML, CSS, JavaScript, Electron*

- Developed a cross-platform desktop app with Electron to help users declutter files within a selected folder. Integrated smooth keyboard gestures (left to delete, right to keep), dynamic file previews, and animated transitions for an intuitive, responsive UX.

Homerun Probability Model | *Python, Pandas, NumPy, openpyxl*

- Developed a Python program to predict homerun probabilities using advanced baseball metrics. Leveraged data structures like dictionaries for efficient data mapping and retrieval, and applied algorithmic logic to process and analyze player statistics.

LEADERSHIP

Risk Management Chair, Kappa Phi Lambda Sorority Inc.

August 2023 – May 2025

- Oversaw event safety and risk management for 15+ sorority members, ensuring compliance with university and national sorority policies.
- Collaborated with USF FSL to ensure adherence to university guidelines and risk protocols for all chapter events.