

# KEVIN J. FERRER

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## EDUCATION

### B.S. in Computer Science

June 2022 – December 2026

Florida International University (FIU); Miami, FL

GPA: 3.5

- Directed a team of 4 students in designing, developing, and deploying a website leveraging a machine learning API to enhance functionality and user experience.
- Spearheaded development in two Shell Hack events, displaying problem-solving skills and a passion for hands-on software development.

## PROFESSIONAL EXPERIENCE

### Geographic Information Intern (GIS)

September 2024 – December 2024

City of Coral Gables; Coral Gables, FL

- Led a team of 3 to implement real-time phone call transcription scripts in Java, reducing troubleshooting time by 30% for non-native English-speaking employees and enhancing service quality.
- Resolved 50+ support tickets by troubleshooting hardware/software issues, minimizing disruptions, and improving efficiency for county workers.

### Technology Education Volunteer

June 2019 – August 2019

Jack David Gordon Elementary School; Miami, FL

- Delivered engaging presentations on importance of technology to 20-40 elementary school students, fostering an early interest in STEM fields.
- Facilitated hands-on activities and workshops to enhance students' tech literacy, promoting practical understanding and application of technological concepts.

## PROJECTS

### Team Manager & Lead Developer - [Recipe Management System](#)

December 2024 – January 2025

- Developed a RESTful API using Spring Boot to manage recipes, enabling users to create, read, update, and delete recipes with a focus on seamless functionality.
- Implemented an efficient search feature, allowing users to filter recipes by ingredients or cooking time, improving accessibility and usability.
- Ensured clean, maintainable code and documented the API endpoints to facilitate future enhancements and integrations.

### Team Manager & Backend Developer - [WorldWide-Recipe Finder](#)

August 2024 – December 2024

- Led a team of 4 developers, assigning tasks, managing deadlines, and ensuring smooth collaboration using GitHub for version control and team coordination.
- Designed and implemented a robust backend with Node.js and React to integrate a ChatGPT API to fetch recipe details from over 190 countries with accuracy and efficiency.
- Constructed an immersive 3D interactive globe using Three.js and React, enabling users to visually explore and select recipes from over 190 countries in an engaging and intuitive way.

## SKILLS

- Programming Languages:** Java, C, HTML/CSS
- Tools & Technologies:** Git/GitHub, Spring Boot, JavaFX, Node.js
- Technical Concepts:** Object-Oriented Programming (OOP), Data Structures, Algorithms, Debugging
- Soft Skills:** Team leadership, Communication, Problem-solving