

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.
- Awarded Dean's List recognition for academic excellence in over three consecutive semesters, reflecting consistent dedication and performance.

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

Solo Developer – [Face Cert AI](#)

December 2024 – January 2025

- Developed a facial recognition authentication system using Spring Boot, Face API, and Indexed DB, enabling secure, AI-driven user login while ensuring all data is stored locally for enhanced privacy.
- Designed and implemented a responsive, modern UI/UX with HTML, CSS, and JavaScript, achieving seamless integration of real-time webcam input for facial recognition workflows.
- Optimized and validated face-matching algorithms with Face Matcher, ensuring high accuracy and reducing false positives by 15% during authentication testing.

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