

# Bineta Diatta

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## EDUCATION

**Florida International University** — B. S. of Computer Science – 3.7 GPA December 2025

Additional Coursework: Data Structures and Algorithms, Programming II in Java, Professional Technical

Writing for CS, CodePath: Web Development 102, Software Engineering I, Human-Computer Interaction

**McLennan Community College** — Associate of Science – 3.8 GPA May 2023

## WORK EXPERIENCE & PROJECTS

**Comcast NBCUniversal**– ERP Technology Intern – iOS Software Q&A Testing May 2025 – August 2025

- Performed iOS regression and full scope testing for telecom features (VoLTE, RCS, SMS/MMS) in various cycles
- Identified, documented & reported bugs in collaboration with Apple iOS device teams to validate pre-release builds.
- Contributed to improving reliability mobile software releases & user experience for 70% Xfinity Mobile's user base

**CinePals** — iOS Application February 2025 - April 2025

- Created API endpoints to serve responsive movie search interface with debounced input handling for less API calls.
- Implemented dynamic UI screens in Swift (cast, runtime, trailers) using data from The Movie Database (TMDb) API
- Integrated Firebase to fetch and dynamically render user profiles on client upon search and for a personalized UX

**Dream in Green x INIT Build** – Student Web Developer October 2024 – December 2024

- Collaborated on enhancing the *Recyclepedia* app and website using frontend tools such as React.js, Tailwind CSS, and Firebase to provide resources and educate communities on recycling and reducing contamination rates.
- Developed municipality-specific recycling features to enhance community engagement & improve multilingual accessibility and incorporating gamification elements to boost user satisfaction and interaction.

**TERRA** — African Real Estate Solution - Mobile Application Project May 2025 - Current

- Designed and developed a cross-platform mobile application to simplify real estate transactions across regions in West Africa, including rentals, property sales, and tenant management
- Built reusable UI flows on using React Native and TypeScript and integrated Google Maps API for geolocation-based listings & used Mongoose and Node.js to design and create schemas & models such as users, listings, etc.

**Geek Test** — REST API Project January 2025

- Developed a Book Browsing feature for an online bookstore by implementing RESTful API endpoints to retrieve books by genre, top sellers, and rating filters.
- Designed and optimized SQL queries using Java Persistence API to ensure efficient data retrieval and seamless integration with the backend within Spring Boot application.

## LEADERSHIP & INVOLVEMENT

**NCAA Division I Student-Athlete** — Florida International University June 2021 – 2025

- Demonstrated strong time-management skills, balancing 30+ hours per week of athletics (training, competition, meetings) while maintaining academic responsibilities and campus involvement through CS extracurriculars.
- Enhanced communication & leadership through team collaboration and competitive sports performance.

## TECHNICAL SKILLS

- **Languages & Technologies:** Java, JavaScript, TypeScript, HTML5, Tailwind CSS, HTML5, Bootstrap
- **Frameworks & Libraries:** React.js, React Native, Spring Boot, Agile Principles, Software Development Lifecycle
- **Tools & Platforms:** Git Version Control, GitHub, Visual Studio, IntelliJ IDEA,
- **Backend & Databases:** Firebase, MySQL, MongoDB, REST API integration, Node.js
- **Soft Skills:** Problem-solving, Team collaboration, Adaptability, Oral & Written Communication, Leadership, French

**Organizations & Awards:** Management Leadership for Tomorrow, FIU INIT Build, Girls Who Code, Women in Computer Science, Society of Women Engineers, Color Stack, Rewriting the Code, Honors Society Nominee, Dean's List