

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 client-side 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 Mobile Application 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 microservices with JSON format 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 app & developed strong interpersonal skills through group work

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 & campus involvement through CS extracurriculars.
- Fostered leadership and discipline by through competitive sports performance in a team-based environment

TECHNICAL SKILLS

- **Languages & Technologies:** Java, JavaScript, TypeScript, Tailwind CSS, HTML5, Bootstrap, SwiftUI
- **Frameworks & Libraries:** React JS, React Native, Spring Boot, Agile Principles, Software Development Lifecycle
- **Tools & Platforms:** Git Version Control, GitHub, Visual Studio, Figma, Xcode, IntelliJ IDEA
- **Backend & Databases:** Firebase, MySQL, MongoDB, Relational & No-SQL, REST API, Node.js, LLM integration
- **Soft Skills:** Analytical Skills, Teamwork, Adaptability, Oral/Written Communication, Attention to Detail, 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