

Millie I. Kembe

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EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC

Bachelor of Science in Computer Science

Expected Graduation May 2026

Cumulative GPA: 4.00

Coursework: Data Structures and Algorithms, Discrete Structures, Intro to Programming, Computing All Around Us

Honors and Awards: UNC Scholars Program, Accelerated Research Program, Carolina Covenant Scholar (Full Tuition), James M. Johnston Scholar (Academic Scholarship), Dean's List

Leadership: Black in Technology – *Programming Co-Chair*

Certifications: Platinum Level National CTE Career Readiness Certification

PROJECTS

MixMatch – Full Stack Music-Based Social Networking Platform

- Implemented an Express server backend with Axios for client-side HTTP requests to the Spotify Web API, achieving an average 0.5-second response time for user data requests like listening history and top tracks.
- Implemented a React frontend optimized for efficient integration with a Firebase Firestore users database, resulting in a 65% decrease in database reads when rendering user data on the application's frontend.

MillieKembe.tech – Personal Portfolio Website

- Developed a fully responsive UI using front-end technologies such as React, Tailwind CSS, and Framer Motion.
- Applied Vercel's analytics, identifying areas of improvement resulting in a 15% decrease in page load times.

Todoist Clone – Task Management Application

- Developed an iOS application using Swift to replicate essential features of Todoist such as task creation, due dates, Kanban board project views, and calendar views.
- Utilized Xcode, SwiftUI, and SF Symbols to build a UI for the application closely resembling Todoist's UI.

EXPERIENCE

iOS Development Apprentice | App Team Carolina – Chapel Hill, NC

January 2023 - Present

- Engaged in App Team Carolina's Academy program for 4+ hours per week, developing expertise in Swift UI and iOS app development through hands-on learning and practical application.
- Developed 10+ fully functional iOS applications implementing best practices for app development using Swift UI, resulting in a 98% instructor approval rate for the program's iOS development projects.

Service and Engagement Team Member | Target – Raleigh, NC

June 2021 - Present

- Provided exceptional customer service while contributing to front-end store operations such as point of sale, inventory management, customer greeting, and store maintenance in a multitude of roles.
- Demonstrated exceptional accuracy in processing over 500 transactions daily through the use of point-of-sale systems, resulting in a 98.5% error-free rate.

Visual Design Specialist | Freelance Visual Design – Raleigh, NC

June 2017 - Present

- Conceptualized and crafted unique branding identities for 20+ clients, resulting in an average increase of 30% in brand recognition and customer engagement.
- Streamlined project management processes by introducing agile methodologies, reducing project completion time by 15% and increasing productivity by 20%.

SKILLS & TECHNICAL TOOLS

Programming Languages: Python, Java, JavaScript, HTML/CSS, C, C#, C++, Swift

Technologies: ReactJS, Flask, SwiftUI, Tailwind CSS, Git, Unity, Arduino, Vite, Jupyter Notebook, Firebase

Languages: Fluent English, Proficient Arabic, Conversational Spanish