TANYA CHISEPO

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EDUCATION

B.S. - Bethune-Cookman University | Computer Science
Expected in December 2025   **GPA: 4.0**

SKILLS

Languages & Tools: Python, Java, JavaScript, PHP, OCaml, SQL, GraphQL, Git, VS Code
Frameworks & Platforms: React.js, Android, PostgreSQL, MongoDB, Arduino
AI/ML & Libraries: TensorFlow, OpenCV, Mediapipe, CycleGAN, GANs, Computer Vision, Deep Learning
Concepts: Full-Stack Web Dev, Cross-Platform Mobile Dev, UI/UX Design

EXPERIENCE

Meta

Software Engineering Intern – Mobile, Cross-Platform (iOS/Android)   **May 2025 – August 2025**
- **Engineered E2E a Facebook mobile app feature** enabling users to search and bulk-add saved content to collections, incorporating global search functionality, **resulting in a 40% increase in content saves**.
- **Designed and deployed 15+ reusable UI components** for the relatively new framework, accelerating development and ensuring consistent UI/UX across mobile platforms**, saving 300+ hours for development.**
- Increased **test coverage by 15%** through **unit and end-to-end testing**, supporting faster iteration.
- Recommended and **implemented a streamlined feature QA testing** process in parallel with development, **decreasing the feature development-to-launch timeline by 30%,** resulting in two weeks faster releases.

Software Engineering Intern – Backend Infrastructure   **May 2024 – August 2024**
- **Led the migration of an automation feature to a new infrastructure** platform, completing the project within 3 weeks and ensuring seamless functionality while maintaining key product metrics.
- Conceptualized and constructed a novel infrastructure system for multi-tier FAQs, which streamlined chatbot interactions and **increased leads retention by 10%.**
- Engineered a tree-based graph schema utilizing GraphQL endpoints to streamline the creation and retrieval of FAQ objects, estimating a **40% improvement in business page message response time.**
- **Delivered 30% boost in test coverage** through writing comprehensive unit testing and refactoring code.

Meta University Engineering Intern – Full-stack Web   **June 2023 – August 2023**
- Initiated and **delivered a fully functional web app prototype within 5 weeks**—despite no prior JavaScript experience—by implementing advanced search features, responsive design, and maintaining consistent communication to exceed project goals.

Bethune-Cookman University

Computer Science Teaching Assistant   **February 2024 – Present**
- **Offered personalized guidance to students** struggling with programming assignments, clarifying confusing concepts and improving coding skills, **providing hands-on coding support**, **resulting in 15+ students completing 5+ practice coding challenges weekly**.

PROJECTS

Virtual Makeup Application   **February 2025 – Present**
- Designed an **AI-driven virtual makeup application** utilizing Mediapipe landmarking and image style transfer, enabling users to experiment with 20+ different makeup styles.
- **Curated a dataset of 1,000+ images** of diverse skin tones with professional makeup, addressing a gap in existing datasets, and **improved makeup application accuracy by 30%.**

TutorVerse   **August 2023 – May 2024**
- Developed a full-stack tutor finding web application utilizing React.js, Node.js, and SQLite, with **100+ connections** between students and readily available on-campus tutors within the application's first semester launch period.

ADDITIONAL

IEEE SoutheastCon Hardware Competition   **April 2025**
- Developed autonomous movement logic for a robotics challenge and assembled the robot chassis from scratch; placed 3rd out of 60 schools.

Black Excellence SMART Hackathon (American Airlines)   **November 2024**
- Built a digital assistant web prototype in under 24 hours, contributing to user flow design and frontend development in a team of 4 and placed 4th out of 47 schools.

Jane Street INSIGHT Program   **January 2024**
- Built a Python trading bot as part of a simulated trading competition; placed 3rd overall.

Generation Google Scholarship Winner (North America)   **June 2024**
- Selected as 1 of 56 recipients out of thousands of applicants, for leadership potential and commitment to diversity and inclusion in tech.