

PRECIOUS NWACHOKOR

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Education

University of North Texas

Aug 2022 - May 2026

Bachelor of Science, Computer Science

Denton, TX

- **Coursework:** Data Structures and Algorithms, Software Engineering, Foundations of Databases, Applied Artificial Intelligence, Intro to Networking, Intro to Cybersecurity, Digital Logic Design

Technical Skills

Languages: Python, JavaScript/TypeScript, C++, C#, Java, SQL, HTML/CSS

Frameworks/Technologies: React, Node.js, Express, Expo (React Native), Angular, Flask, MudBlazor, TailwindCSS, Bootstrap

Databases: MongoDB, PostgreSQL, MySQL, SQLite

Cloud/Tools: Git, AWS (S3, Lambda), Azure, Firebase, GitHub, Gitlab, GitHub Actions, Postman, Swagger, SSMS

Experience

Software Engineer Intern

Jun 2025 - Aug 2025

FinThrive

Plano, TX

- Designed and Developed the UI for an internal Bridge Routine tool using Blazor and C#, improving claim testing efficiency for over 25 internal engineers.
- Integrated and tested RESTful APIs with a backend claim evaluation service, building a dedicated testing interface that reduced validation time by 60%.
- Collaborated with a 4-person engineering team to design database schemas, wireframes, and technical documentation, ensuring 100% compliance with internal security and design standards.

Software Engineer Intern

Jun 2024 - Aug 2024

Blackhawk Network

Coppell, TX

- Supported full-stack development for the Hawk Marketplace Webhook Management Service, enhancing reliability across 3 key microservices as part of the Data Incentives team.
- Maintained and optimized Webhook APIs handling thousands of daily transactions, improving server to application communication speed.
- Resolved 15+ bugs and wrote 20+ unit tests, increasing test coverage to 90%.

Resident Assistant

Aug 2024 - Present

University of North Texas

Denton, TX

- Supported, mentored, and orchestrated programs for over 400+ residents as a student leader.

Projects

NIL Deal App | *React, Node.js, Express, MongoDB, AWS*

- Developed a full-stack NIL deal management platform for 100+ student athletes and coaches, enabling contract submission, legal review, and onboarding through a secure web interface.
- Integrated DocuSign API and JWT-based authentication, reducing manual contract processing time by 40% and ensuring end-to-end encrypted communication.
- Engineered an admin dashboard for lawyers to manage 200+ contracts, user profiles, and push out educational content, using AWS S3 for secure video/document storage.

Chemorization App | *React Native, Expo, Node.js, Firebase*

- Built a cross-platform mobile app using Expo and React Native, empowering 20+ visually impaired students to study chemistry through audio and Braille-assisted learning.
- Implemented Text-To-Speech, AI summarization, and Braille printout features, increasing accessibility and learning efficiency.
- Defined and prioritized 30+ user stories and GitHub issues under Agile methodology.
- Configured Firebase Authentication and Firestore to securely store and retrieve 100+ chemistry notes, ensuring real-time data access and user security.

JWKS Server Authentication System | *Python, Flask, Pytest, SQLite*

- Developed a secure Flask application featuring JWT generation, key rotation, and user registration.
- Utilized SQLite to store encrypted keys, user credentials, and authentication logs securely.
- Built 40+ automated test cases using Pytest, validating authentication flow, rate limiting, and endpoint reliability with 100% pass rate before deployment.

Leadership/Extracurricular

- ColorStack Executive Board Member, National Society of Black Engineers Member, SEA Board Member, African Student Organization Member