

Chekwube Ononuju

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EDUCATION

Texas Tech University <i>Bachelor of Science in Computer Engineering, Minor in Computer Science</i> <ul style="list-style-type: none">Coursework: Data Structures & Algorithms, OOP, Intro to LLMs, Intro to AI & Agents, Probability & StatisticsAwards: Dean's List, AWS Certified Cloud Practitioner — Security: US Citizen (clearance eligible)	Lubbock, TX <i>Expected Dec. 2026</i>
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EXPERIENCE

Open-Source Contributor <i>Color Stack</i> <ul style="list-style-type: none">Optimized COIN-OR Ipopt solver implementation, reducing setup time by 20 minutes and improving performance by 7%Created comprehensive best-practices guide for MPI/MUMPS integration, enhancing developer productivity	Dec. 2024 – Present <i>Remote</i>
Software Engineer Extern <i>Webacy</i> <ul style="list-style-type: none">Engineered unsupervised ML clustering for 50+ smart contracts, reducing vulnerabilities by 20%Accelerated data processing speed by 70% through optimization of clustering algorithms	Sep. 2024 – Oct. 2024 <i>Remote</i>
Google Software Engineering Program (G-SWEP) Mentee <i>Google x Basta</i> <ul style="list-style-type: none">Partnered with Google SWE on 8+ Python algorithms, improving accuracy from 60% to 90%Reduced algorithm implementation time by 30% through optimization and clean code practices	March 2025 – May 2025 <i>Remote</i>

PROJECTS

Credit Card Fraud Detection System <i>Python, Flask, PostgreSQL, TensorFlow, Docker</i> <ul style="list-style-type: none">Built ML pipeline with autoencoders/LSTM achieving 2.5% accuracy improvement, 50% fewer false positivesDeployed Flask API with 7% faster inference through TensorFlow optimization and PCA	Aug. 2024 – Dec. 2024
Enterprise Web API <i>C#, ASP.NET Core, PostgreSQL, Docker, JWT</i> <ul style="list-style-type: none">Architected REST API with JWT auth achieving 99.9% uptime through robust error handlingImplemented clean architecture with repository pattern for maintainable, scalable codebase	Sep. 2024 – Present
Spotify Insights App <i>Node.js, Express, React, OAuth2</i> <ul style="list-style-type: none">Built full-stack app with 99.5% API success rate through comprehensive error handlingImplemented secure OAuth2 flow with real-time data visualization of listening patterns	Jan. 2024 – May 2024

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, SQL, HTML/CSS, C#, Assembly
Technologies: React, Node.js, Flask, FastAPI, Django, ASP.NET Core, TensorFlow, Docker, Git, AWS, PostgreSQL
Relevant to Palantir: Full-stack development, data pipelines, distributed systems, clean code practices

LEADERSHIP & ORGANIZATIONS

GEAR Robotics Mentor: Led youth programming workshops, achieving 100% competition uptime
Active Member: National Society of Black Engineers (NSBE), ColorStack, CodePath