

EDUCATION**University of Texas at Dallas**

Dallas, TX

*Master of Science in Computer Science**Spring 2026*

• Cumulative GPA: 3.39

Texas Tech University

Lubbock, TX

*Bachelor of Science in Computer Science; minor in Mathematics**Fall 2023*

• Rich Engineering Scholarship

*2022 – 2023***TECHNOLOGIES USED:**

Python(Primary), Java, C#, Django, DigitalOcean, AWS, Filezilla, Swift, Stripe API, Paypal API, PuTTY, PHP, MySQL, Autosys,, Teradata, PyTorch, TensorFlow, Vue.js, Unity, Node.js, HTML, CSS, IdaPro, Ghidra, OllyDbg, Figma, Python, Pandas, Google collab, Microsoft Azure. (36 github repositories)

WORK EXPERIENCE**Bank of America**

New York City, NY

*Global Technology Summer Analyst Intern**June 2023 – Aug 2023*

- Collaborated on end-to-end ETL process with Data Technology team utilizing Autosys for efficient loading, monitored logs via secure SSH tunnel Putty Unix.
- Contributed on data quality initiatives using Teradata Studio to manage and optimize data storage and validate cash and foreign check records.
- Executed targeted data visualization via SQL queries, ensuring high data quality in the ETL process.

Texas Tech University Advanced Technology Learning Center

Lubbock, TX

*Lead Student Technician III**Nov 2022 – Dec 2023*

- Initiated the idea of having students work during the weekends to have necessary students during peak usage time.
- Collaborated on an inactivity script, automating user logout after a designated period of computer inactivity.
- Led team of 5 to supervise school computers, mobile laptops and computers daily.

*Lead Student Technician II**May 2021 – Nov 2022*

- Supervised 43 campus printers to ensure high uptime and proper functioning.
- Networked at least 57 computers onto Texas Tech University's intranet running programmed scripts.
- Utilized Quest KACE software to transmit patches and upgrade vulnerabilities through the KACE servers.

MTN Nigeria Communications

Lagos, NG

*Software Engineer Intern**June 2022 – Aug 2022*

- Enhanced e-commerce platform with an improved UI using react.js, and implemented express.js to handle APIs of new products.

Globacom Limited

Lagos, NG

*Software Engineer Intern**June 2019 – Aug 2019*

- Optimized codebase by resolving inconsistencies, leading to a 30% speed improvement.

PROJECT EXPERIENCE**COBOL Banking System**

Remote

*Project**July 2025*

- Built a terminal-based banking system in COBOL with account creation, deposit, and balance inquiry features.
- Implemented flat-file storage using a .DAT file for persistent customer data without a database.
- Used GnuCOBOL in a Linux bBash environment to compile and simulate data without a database.
- Demonstrated COBOL file I/O, control flow, and fixed-format record handling for legacy system simulation.

Citi ICG Technology Software Development Job Simulation on Forage

Remote

*Forage Virtual Experience**July 2024*

- Completed a job simulation involving hypothetical tasks to improve Citi's loan management system and stock market risk reporting.
- Created a state diagram of the loan management process using the Unified Modeling Language (UML).
- Researched potential machine learning systems to assess credit risk and provide recommendations for next steps.
- Used java to build an internal tool visualizing stock market risk in real time.

Extended Reality for Software Development

Tallahassee Florida

*Florida State Masters Project with professor Sonia Haiduc**Jan 2024 – May 2024*

- Explored image recognition techniques using C# to understand and develop algorithms for automated image recognition.
- Developed interactive 3D diagrams in unity by utilizing prefabs to optimize game object management.

Paper Trading App

Lubbock, TX

*Capstone Project**Sept 2023 – Dec 2023*

- Partnered with senior classmen to build a risk-free trading platform as our final year project using figma to build UI/UX mockups.
- Built the stock watchlist and stock portfolio models with Django framework plus the stock search feature with Alpaca.
- Integrated streaming market data from the Alpaca API for real-time trading simulation.

Ecommerce Website

Lubbock, TX

*Personal Project**Sept 2021 - Dec 2023*

- Built a digital marketplace application to help brick-and-mortar struggling during the COVID-19 pandemic.
- Implemented payment processing with Stripe and developed the full-stack application using ReactJS, NodeJS and MongoDB.

Fake News Detector

Lubbock, TX

*HackWestTX Hackathon Project**Sept 2022 - Dec 2022*

- Used Python and LSTM model architecture for NLP classification.
- Utilized cross-validation techniques and evaluation metrics such as accuracy, precision, recall, and F1-score to validate the effectiveness of the LSTM-based classification model for fake news detection and analysis.

Red Wine Quality Final Class Project

Lubbock, TX

*Computational Thinking with Data Science Class**May 2022*

- Created logistic regression model to evaluate wine quality using chemical attributes and sensory data.
- Achieved a notable 90% accuracy score using logistic regression to analyze physicochemical properties.

CERTIFICATIONS & INVOLVEMENT

Certifications: AWS technical essentials, Getting Started with DevOps on AWS, ColorStack Fellow, First Place iLaunch at Texas Tech Innovation Hub - 2018, NSBE, Colorstack