

Durotimi Ogunbameru

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EDUCATION

Texas Tech University, Lubbock, Texas

(expected) Graduation: *May 2029*

Bachelor of Science in Industrial Engineering

GPA: 3.542

Relevant Engineering Coursework: Introduction to Engineering Design, Computational Thinking with Data Science, Engineering Seminar, Calculus I & II, Engineering Ethics and Impact on society, Calculus-Based Physics I & II

Awards/Honors: President's List

WORK EXPERIENCE

International Energy Services Limited (IESL), Victoria Island, Lagos State

June - July 2026

Industrial Engineering Intern

- Completed an Intensive **Full-Time** engineering internship supporting process, mechanical, and piping operations while gaining hands-on experience with engineering workflows and documentation.
- Shadowed senior engineers across **process, mechanical, and piping disciplines**, supporting **field engineering** and **design engineering** activities while mapping critical workflows and identifying operational bottlenecks.
- Developed and updated industrial-grade **Piping & Instrumentation Diagrams (P&IDs)** using AutoCAD and Aspen HYSYS to improve engineering documentation and support process design activities.

HP Tech Ventures, Externship Program (Remote)

June – August 2026

Venture Capitalist Extern

- Conducted due diligence on potential investment opportunities, analyzing company data such as fundraising history, team composition, press coverage, and technology.
- Leveraged AI tools for market research, creating reports on market size, industry trends, and growth potential to guide strategic investment decisions.
- Produced synthesis reports on key areas, including market opportunity, technology, competitive landscape, team assessment, and risk analysis, culminating in a professional investment memo.

Staybridge Suites Hotel, Lubbock, Texas

September 2025 - Present

Front Desk Representative/Customer Operations

- Delivered high-quality problem-solving and organization skills in managing **35+ room reservations daily** with **100% accuracy** in customer identity verification.
- Demonstrated strong problem solving, interpersonal and daily communication in resolving guest inquiries, and improving daily front-desk operations.
- Audited over **\$1,000** in daily financial and marketplace transactions with consistent accuracy to ensure reliable cashier reporting.

PROJECT EXPERIENCE

The Tiebreaker | AI Decision Support Web Application | *Personal Portfolio Project*

- Conceptualized, built, and deployed a functional decision-intelligence web application hosted via **CLAUDE** using iterative prototyping workflows.
- Integrated analytical frameworks including automated **SWOT analysis matrices** and multi-variable priority lists to transform qualitative user choices into structured, data-driven outcomes.
- Optimized user prompt workflows using Python to ensure reliable, context-aware responses from underlying Large Language Models.

INVOLVEMENT

National Society for Black Engineers (NSBE)

August 2025 - Present

Active Member/Volunteer

- Engage in regular professional development seminars and network with engineering representatives from corporate partners including **Walmart** and **HALFF**, along with active volunteering including our MLK Day of Service community initiatives and coordinated concession operations for **Texas Tech athletic** events.

Students of East Africa (SEA)

October 2025 - Present

Fundraising Chair

- Coordinate with the **executive board** to plan and execute large-scale community-building events celebrating East African culture including **leading** our **Love at SEA** initiative, successfully raising **\$500** to support community outreach.

CERTIFICATIONS

Google AI Professional

TECHNICAL SKILLS

Engineering: AutoCAD, Aspen HYSYS, Process Mapping, P&ID Development, Engineering Design, Technical Documentation

Programming & Tools: Python, Google AI Studio, Prompt Engineering, Microsoft Excel, Google Sheets, PowerPoint, Data Analysis

