

Durotimi Ogunbameru

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• [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

EDUCATION

Texas Tech University, Lubbock, TX
B.S. in Industrial Engineering
Relevant Coursework: Introduction to Engineering Design, Computational Thinking with Data Science, Engineering Seminar, Calculus I & II, Engineering Ethics & Impact on Society, Calculus-Based Physics I & II
Honors: President’s List (Spring) **Certification:** Google AI Professional

Graduation: Expected May 2029
GPA: 3.54

WORK EXPERIENCE

International Energy Services Limited (IESL), Lagos, Nigeria
Industrial Engineering Intern
June – August 2026

- Completed a 10-week engineering internship providing hands-on exposure to Process, Mechanical, and Piping operations and professional engineering practice.
- Shadowed senior engineers across multiple departments to map workflow processes and identify operational bottlenecks within engineering operations.
- Participated in safety audits and facility walkthroughs to verify compliance with engineering standards and support process-optimization goals.

HP Tech Ventures — Externship Program (Remote)
Venture Capital Extern
June 2026 – Present

- Conducted due diligence on prospective investment opportunities, analyzing fundraising history, team composition, press coverage, and technology.
- Leveraged AI tools for market research, producing reports on market size, industry trends, and growth potential to guide strategic investment decisions.
- Authored synthesis reports and a professional investment memo covering market opportunity, technology, competitive landscape, team assessment, and risk analysis.

Staybridge Suites, Lubbock, TX
Front Desk Representative
November 2025 – Present

- Manage 35+ room reservations daily with 100% accuracy in customer identity verification.
- Deliver high-quality customer service by resolving guest inquiries, operating multi-line phone systems, and coordinating guest requests.
- Oversee marketplace and cashier operations, accurately auditing daily cash totals and financial transactions.

PROJECT EXPERIENCE

The Tiebreaker — AI-Driven Decision-Intelligence Web App | *Personal Portfolio Project*

- Conceptualized and deployed a functional decision-intelligence web application in Google AI Studio using generative AI models and iterative “vibe coding” workflows.
- Built core analytical features — SWOT frameworks, side-by-side comparison matrices, and multi-variable pros/cons lists — to translate qualitative options into data-driven decision outcomes.

LEADERSHIP & INVOLVEMENT

National Society of Black Engineers (NSBE) — Active Member / Volunteer
September 2025 – Present

- Network with industry professionals from companies such as Walmart and HALFF to gain insight into current engineering projects and career development.
- Volunteered for the MLK Day of Service (food packaging and encouragement notes for hospitalized elderly) and Texas Tech basketball concessions operations.

Students of East Africa (SEA) — Fundraising Chair
November 2025 – Present

- Coordinate with the executive board to plan and execute large-scale community-building events celebrating East African culture.
- Led fundraising strategy for the “Love at SEA” event, raising \$500 to support community initiatives.

TECHNICAL SKILLS

Engineering & Design: AutoCAD, Aspen HYSYS, P&ID Development, Process Mapping
Data & Core Tools: Python, Microsoft Excel, Google Sheets
AI & Automation: Prompt Engineering, Google AI Studio, Claude