

Kanyinsola Owoeye

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EDUCATION

University of Houston

Houston, TX / USA

Bachelor of Science; Computer Engineering

May 2027

- **Relevant Coursework:** Circuit Theory I/II, Digital Logic Design, Programming in C/C++, Microprocessor systems
- **Awards et al.:** IEEE Member, UH Academic Excellence Scholarship, College Board National Recognition Award

PROJECTS

Full-Stack Developer | (Family-Owned Business) | Houston, TX astineboutik.com

NOV 2025 - Present

- Developed an e-commerce website for women's professional wear using React, TypeScript, and Tailwind CSS.
- Created a serverless AI assistant using Anthropic Claude; implemented RAG (Retrieval-Augmented Generation) to provide real-time inventory and styling insights ("Hey 'Mannequin', create for me a neutral-toned workplace outfit that contains some type of blazer?").
- Used Claude Code to quickly prototype features and automate repetitive coding tasks to speed up the store's launch.
- Translated high-fidelity Figma and v0 wireframes into a responsive, accessible frontend, ensuring a seamless user experience across mobile and desktop devices.

[Two Way Traffic Light Controller | Logic Design](#)

JUL 2025

- Designed a traffic controller circuit for a two-way intersection using AND, OR, and D flip-flop gates on a breadboard.
- Created a simulation in LTSpice with 100+ test cycles to validate timing sequences before hardware implementation.
- Utilized oscilloscopes and function generators to confirm signal integrity, achieving 100% synchronized traffic cycles.
- Applied finite state machine (FSM) principles and minimized state bits for efficient logic design.
- Debugged a circuit with **15+ logic components**, strengthening skills in digital logic and hardware troubleshooting.

Presenter at Cullen College Open House | University of Houston

NOV 2024

- Selected by professor to represent the Circuit Analysis I course at the UH CEA Open House (~70 attendees).
- Developed and executed a live hardware demo with breadboard circuitry and measurement equipment (oscilloscopes, function generators) to illustrate inverting amplifier behavior under varying input conditions.
- Delivered technical explanations to an audience of 70+ prospective students, faculty, and industry visitors.

PROFESSIONAL EXPERIENCE

[HP Tech Ventures Externship Program](#)

REMOTE

Corporate VC & Business Analytics Extern

AUG 2024 – SEP 2024

- Conducted due diligence on early-stage, pre-seed AI startups by performing market research and providing comprehensive market sizing & competitive landscape analysis.
- Engaged in meetings with HP Tech Ventures leadership, gaining exposure to corporate VC decision-making.
- Authored an investment summary & a presentation evaluating an early-stage AI startup (*Command AI*).
- Designed a Tableau dashboard on 20+ global AI startups, highlighting funding and industry impact.
- Strengthened skills in data visualization, market research, business analytics, and professional communication.

Starbucks Corporation

Richmond, TX / USA

Barista

JULY 2025 – Present

- Interact and serve 200+ customers per shift, providing efficient and friendly service in a fast-paced environment.
- Process \$2,000+ in transactions per shift with 100% accuracy across cash, credit, and mobile payments.
- Prepare all food items by Starbucks quality and safety protocols, ensuring consistency across 100+ drink variations.
- Collaborate with a team of 10+ partners to manage peak-hour rushes, and maintain customer satisfaction scores.

ADDITIONAL

LANGUAGES: English (Native Speaker), French (Elementary), Yoruba (Elementary)

TECHNICAL SKILLS: React.js, [Node.js](#), Python, C/C++, JavaScript (TSX), MATLAB, Tailwind CSS, Tableau, SQL

ELIGIBILITY TO WORK: U.S. & Canadian Citizen