Morayo Adeyemi

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Education

Howard University *Aug 2025 – May 2026*
M.S. in Applied Data Science and Analytics
- GPA: 4.00/4.00 | Business Analytics & Product Management Track | Digital Strategy & Comms Coordinator
- Thesis: Evaluating large language models for healthcare decision support, studying how AI systems assist human decision-making and resource recommendations in postpartum care.
- Research Interests: Human-AI interaction, co-creative AI systems, AI for engagement, and multimodal learning

Howard University *Aug 2022 – May 2025*
B.S. in Computer Science, Minor in Mathematics
- GPA: 3.89/4.00 | Graduated in 3 years | Summa Cum Laude| Karsh STEM Scholar (Full Scholarship), Tau Beta Pi

Experience

The Walt Disney Company *Jan 2026 – Present*
Graduate Associate AI Decision Scientist (DSSI) *Orlando, FL*
- Develop GenAI prototypes for RAG-enabled large language model systems by standardizing enterprise documentation for LLM ingestion, enabling human-AI collaboration and knowledge discovery across internal datasets.
- Design evaluation pipelines assessing retrieval accuracy and response reliability while developing explainable AI (XAI) methods that help decision-makers understand and trust AI-assisted recommendations.

Google *Aug 2025 – Nov 2025*
Software Engineer Intern, Photos Team *Mountain View, CA*
- Enhanced large-scale photo recommendation models by developing contextual clustering features and user location embeddings, improving personalization signals and user engagement in photo memory experiences. (Java, Python)

Massachusetts Institute of Technology (Prof. Paul Liang) *June 2025 – Dec 2025*
Visiting Researcher, EECS & MIT Media Lab *Cambridge, MA*
- Designed and evaluated a multimodal co-creative AI system integrating language, emotion, and vision models to support personalized speech therapy and interactive learning experiences for children in home environments.
- Developed adaptive story generation using contextual cues and familiar faces to allow children to co-create personalized narratives with AI, improving engagement and accessibility in therapeutic interactions. (Python, React)

Stanford University (Prof. James Landay & Parker Ruth) *June 2024 – Aug 2024*
Undergraduate Researcher, Computer Science *Stanford, CA*
- Developed ML models (KNN, CNN) for non-invasive blood-pressure estimation from wearable sensor data.
- Improved prediction accuracy by 15% by clustering pulse waveforms and identifying a 35% performance gap between synthetic and real datasets. (Python)

Google *May 2023 – Aug 2023*
Software Engineer Intern, Ads Smart Alerting *Mountain View, CA*
- Developed backend infrastructure for Google Ads Smart Alerting, implementing RPC-based configuration validation and automated tests to ensure reliable production alerting. (Python, C++)

Brown University (Prof. Daniel Ritchie & Aditya Ganeshan) *Jan 2023 – Dec 2023*
Undergraduate Researcher, Computer Science *Remote*
- Built a tool for data scientists & researchers to evaluate whether indoor scene datasets exhibit bias across geographical regions, identifying datasets with up to 76% Eurocentric features; 1st place at Brown CS Research Symposium.

Leadership

Co-Director, Public Interest Technology Research School *May 2025 – Present*
Howard University *Washington, DC*
- Lead a Public Interest Technology research program, mentoring 6 undergraduate researchers on projects exploring AI safety, algorithmic bias, and governance challenges in emerging AI systems.

Founder and Director, BisonBytes Hackathon *May 2023 – May 2025*
Howard University *Washington, DC*
- Founded and scaled a nationwide hackathon, self-raising $170K+ from 30+ industry partners (Microsoft, Palantir) to support 300 students and 60+ emerging technical projects while leading a 30-member organizing team.

Skills

Technical: Python, TensorFlow, Generative AI, Multimodal AI, Large Language Models (LLMs), Hugging Face, SQL
Research & Leadership: AI Evaluation, UX Research, Strategic Planning, Team Leadership, Public Speaking