

Adewale (Wale) Adekambi

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EDUCATION

GEORGE MASON UNIVERSITY

Bachelor of Science

Industrial & Systems Engineering; Technical Emphasis in Electrical Engineering
Dean's List 2026

Fairfax, VA

May 2026

NORTHERN VIRGINIA COMMUNITY COLLEGE

Engineering Coursework

Dean's List 2022

Annandale, VA

Aug 2022 - May 2023

WORK EXPERIENCE

HANDSHAKE AI

AI Trainer

Remote

Nov 2025 – Present

- Working with frontier AI models to perform quality assurance evaluation of 1,000+ technical LLM outputs against defined rubrics, maintaining a 93% quality score and flagging non-conformances for corrective action.
- Evaluating audio, video, and prompt-based test cases to improve model performance on edge cases.
- Collaborating with the production team to revise task workflows and documentation, increasing first-pass approval rate by 20%.

The ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)

Data Analyst Intern

Praia, Cape Verde

Jun 2025 – Aug 2025

- Processed 1,000+ renewable energy project records across 15 ECOWAS countries, leveraging Python and LLM APIs to cross-reference partner and internal sources, resolving an 85% data error rate.
- Built and presented Tableau and Power BI dashboards to regional analysts and West African policy makers, enabling trend analysis, infrastructure planning, and funding allocation decisions.

PROJECTS

Senior Design Capstone

Team Lead

Aug 2025 – May 2026

- Led a 3-person team to build “Converge,” a full-stack web app for Arlington County Water that replaced static inventory reorder points with a dynamic model based on part-break history, material type, and weather, cutting projected annual stockouts 95% and saving \$1.2M annually.
- Integrated live data from two external client systems (Cartegraph and OpenGov) through their REST APIs, building the inputs, workflows, and error handling that kept inventory views synchronized in real time.
- Designed the PostgreSQL data layer (schema, relationships, and queries) backing real-time inventory tracking, reporting, and role-based access across the application.

HONORS & AWARDS

Gen. Donald R. Keith Memorial Capstone Conference, U.S. Military Academy

United States Military Academy Department of Systems Engineering

West Point, NY

April 23, 2026

- Awarded [Best Paper](#) in the Modeling & Simulation track at GDRKMCC-26, a national undergraduate systems engineering capstone conference hosted by the Department of Systems Engineering at the U.S. Military Academy, West Point.

Andrew P. Sage Memorial Design Competition (SMDC-26)

George Mason University, College of Engineering and Computing

Fairfax, VA

April 20, 2026

- Awarded Best Paper at SMDC-26, the 9th Annual Andrew P. Sage Memorial Design Competition, an international forum hosted by George Mason University showcasing undergraduate and graduate systems engineering capstone projects.

TECHNICAL SKILLS

Python, SQL, TypeScript, JavaScript, React, PostgreSQL / Supabase, REST API Integration, OAuth 2.0, Git, MATLAB, R, Power BI, Tableau, Excel (VBA), Systems Analysis, MBSE / SysML, SDLC, Discrete-Event Simulation, Statistical Modeling, Process Optimization, Root Cause Analysis, PowerShell