

MacDonald Uwachukwunenye

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PROFESSIONAL SUMMARY

AI Evaluation and Data Quality specialist with hands-on experience evaluating personalized search systems, LLM outputs, and computer-use agents across 26+ technical and non-technical applications. Contributed to 50,000+ training samples at >98% labeling accuracy, audited 20–25 agent trajectories per day, and applied multi-tier QA, rubric-based evaluation, trajectory analysis, source attribution, and regression controls. Contributed to QA changes associated with a 20% reduction in recurring error rates, 30% faster review cycles, and evaluation benchmarks associated with a 15% improvement in model F1. Strong technical foundation in Python, SQL, data validation, and analytical reporting.

PROFESSIONAL EXPERIENCE

AI Data Quality Analyst / LLM Evaluation Specialist

Turing — Remote | Dec 2025 – Present

Search & AI Response Evaluation — major search engine client (NDA)

- Evaluated personalized AI search responses against satisfaction, tailoredness, and groundedness criteria, verifying model-cited personal facts against source emails and photos and flagging stale, incomplete, irrelevant, or unsupported claims.
- Verified source attribution for every cited personal fact or preference and classified over- and under-personalization failure modes with evidence-linked rationales.
- Validated personalization debug data, implicit claims, and source traces before scoring, enforcing evidence-backed evaluation decisions across rated responses.

Computer-Use Agent Data — OSWorld benchmark-aligned (leading AI infrastructure client, NDA)

- Validated and refined tasks targeting ~75 GUI actions across 26+ technical and non-technical applications, checking functional correctness, application scope, metadata alignment, and task complexity before recording.
- Recorded and QA'd single-take GUI trajectories with accessibility-tree capture across Ubuntu, Windows, and macOS, spanning productivity, coding, analytics, design, browser, and system workflows.
- Applied L1 self-check, L2 100% QA, and L3 audit sampling with hard-fail thresholds; materially incorrect actions required full re-recording and approval required 4–5 scores across every subcategory.

Computer-Use Agent Data QA — confidential enterprise AI client (NDA)

- Audited 20–25 agent trajectories and event logs per day, classifying recurring failures against a structured error taxonomy and contributing to QA changes associated with a 20% reduction in recurring error rates.
- Applied regression gates to recurring failure modes before delivery and supported evaluation benchmarks associated with a 15% improvement in model F1 through iterative testing and analysis.
- Contributed to collection and annotation of 50,000+ training samples while maintaining >98% labeling accuracy and supported QA framework changes that improved review-cycle efficiency by 30%.

Senior Data Analyst / AI QA Analyst

ProptVerse — Remote | Nov 2023 – Dec 2025

- Led analytics initiatives that standardized KPI definitions and dashboards, increasing operational efficiency by approximately 25% through stronger reporting workflows and performance visibility.
- Used SQL and Python to transform, validate, and analyze operational and AI-QA datasets, converting recurring quality findings into actionable reporting and QA insights.

Analytics Consultant

Clean Express — Nigeria | Jun 2023 – Sep 2024

- Built forecasting and KPI workflows that reduced operational costs by approximately 20% and improved team utilization by 15%.
- Analyzed operational and customer data to personalize service recommendations, increasing customer satisfaction by 30% and repeat bookings by 25%.
- Built Power BI and SQL dashboards that improved response times by 40% and introduced quality controls that reduced service errors by 35%.

Research / Data Analyst

Mshel Homes Limited — Nigeria | Dec 2022 – Jun 2023

- Conducted market research, pricing analysis, and customer-demand analysis using Excel and SQL to support investment and commercial decisions.
- Translated customer feedback and demand trends into clear non-technical reports for stakeholder decision-making.

Earlier Roles (2013–2022)

ALX Africa | Fred Brandon FLAMES Foundation | Edwin K. Clark Foundation | Digital Autonomy IT | ChimaTech

- Progressive experience spanning business intelligence, data science, research writing, network engineering, and data operations.

EDUCATION

BSc, Computer Science

Mountain Top University, Nigeria | 2016 – 2020

LICENSES & CERTIFICATIONS

- AI Engineer for Data Scientists Associate — DataCamp
- Google Data Analytics | Google Advanced Data Analytics | Google Business Intelligence — Google
- Financial Modeling & Valuation Analyst (FMVA) | Business Intelligence & Data Analyst (BIDA) — CFI

SKILLS

LLM Evaluation • AI QA • Computer-Use Agent Evaluation • Personalization Evaluation • Groundedness • Source Attribution • Trajectory Evaluation • Event-Log Analysis • Accessibility-Tree QA • Rubric Design • Error Taxonomy • Regression Testing • Data Quality • Factuality • Faithfulness • Python/Pandas • SQL • Power BI/DAX • Excel • Data Validation • KPI Analysis • Git