

ANDREW DONALD

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PROFESSIONAL SUMMARY

Pharmacist with experience in health data analysis, digital health systems, healthcare operations, and computational healthcare projects. Skilled in statistical analysis, public health analytics, pharmacovigilance, and workflow optimization with growing specialization in computational biology, antimicrobial resistance (AMR), and health economics analysis. Experienced in translating healthcare and operational problems into structured analytical models and digital solutions.

EXPERIENCE

Operation Feed Africa **2025 – Present**
Project Analyst *Remote*

- Conduct BOTEC and cost-effectiveness analyses for healthcare and social-impact initiatives.
- Build analytical frameworks for intervention feasibility, projected impact, and operational evaluation.
- Perform exploratory data analysis and evidence synthesis using public-health and operational datasets.
- Translate healthcare and operational challenges into structured analytical models and recommendations.

DrugStoc **Mar 2025 – Apr 2025**
Pharmacy Intern & Digital Health Operations Support *Lagos, Nigeria*

- Assisted in implementing structured digital workflows for pharmacy order and HMO fulfilment operations.
- Supported operational coordination across AXA Mansard, MetroHealth, Hygeia HMO, Dot HMO, Redcare, and Alliance Healthcare.
- Worked with operations and engineering teams during digital system rollouts.
- Contributed to identifying workflow inefficiencies and continuity-of-care gaps within telemedicine and pharmacy systems.

Lagos University Teaching Hospital (LUTH) **Jul 2023 – Sep 2023**
Pharmacy Intern – Drug Information & Pharmacovigilance *Lagos, Nigeria*

- Contributed to pharmacovigilance documentation and adverse drug reaction (ADR) reporting.
- Maintained regulatory monitoring and clinical-trial documentation records.

Prossessor AI **Jun 2021 – Jul 2024**
Data Analyst & Annotator *Remote*

- Analysed and annotated multilingual and healthcare-related datasets.
- Built contributor tracking systems supporting over 500 distributed contributors.
- Performed structured data classification, documentation, and quality assurance tasks.

EDUCATION

Medical School **2015 – 2024**
Bachelor of Medicine, Bachelor of Surgery (MBBS) *Nigeria*

University of Lagos **2024**
Bachelor of Pharmacy (B.Pharm) *Lagos, Nigeria*

- Relevant Training: Pharmacovigilance, Clinical Trial Data Management, Drug Information Services, Hospital & Community Pharmacy Practice

University of the People **Expected 2026**
Bachelor of Science in Computer Science (In Progress) *Online*

- GPA: 3.67/4.0
- Relevant Coursework: Artificial Intelligence, Database Management Systems, Data Structures, Statistics, Software Engineering

TECHNICAL SKILLS & COMPETENCIES

Core Competencies: Health Data Analysis, Public Health Analytics, Statistical Analysis, Computational Healthcare, Health Economics & BOTEK Analysis, Pharmacovigilance, Digital Health Systems, Data Visualization, Epidemiology, Workflow Optimization

Data & Analytics: Python (Pandas, NumPy) | SPSS | Excel (Advanced) | Tableau | Power BI | SQL | Data Cleaning | Statistical Modeling | Exploratory Data Analysis

Programming & Systems: JavaScript | React | NestJS | REST APIs | AWS | Git | Streamlit

Research Methods: Regression Analysis | Chi-square | ANOVA | Survey Methodology | Epidemiological Analysis | DALY & Cost-Effectiveness Modelling

Languages: English (Professional Proficiency), German (Beginner)

SELECTED ANALYTICAL & RESEARCH WORK

Health Economics & BOTEK Modelling

Researcher

- Developing computational models for disease burden and intervention cost-effectiveness analysis using DALY-based frameworks and public-health datasets.

Public Health Data Analysis

Analyst

- Conducted statistical analysis on clinical and demographic datasets involving stroke risk factors, maternal nutrition, and community health outcomes using SPSS and Excel.

Xela Analyze – AI-Assisted Health Data Analytics Platform

Developer

- Building a healthcare analytics platform integrating Python, React, NestJS, and AI-assisted analytical workflows.

LEADERSHIP & COMMUNITY ENGAGEMENT

YALI Network Lagos

Medical Team Lead

Sep 2023 – Present

Lagos, Nigeria

- Coordinate youth-focused public health and advocacy initiatives.
- Lead health education and community outreach activities.

PANS Skills Acquisition Programme

Data Analysis Tutor

Oct 2024 – Dec 2024

Remote

- Trained pharmacy and health science students in statistics, SPSS, and data analysis.

Milecent Health Foundation

Member

Feb 2024 – Present

Lagos, Nigeria

- Participated in maternal and child health outreach and healthcare education initiatives.