

## Contact

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m (LinkedIn)

## Top Skills

Critical Thinking  
Extract, Transform, Load (ETL)  
python

## Certifications

Business Intelligence & Data Analyst  
(BIDA)<sup>™</sup>  
Digital Transformation  
Introduction to Data Science  
Python for Non-Programmers  
Financial Modeling & Valuation  
Analyst

# Conrad Linus Muhirwe

Data Science | Data Analysis | Predictive Analytics | Delivering  
Faster Insights with AI & Machine Learning | Transforming Data into  
Strategic Decisions

Washington, District of Columbia, United States

## Summary

Data Analyst with extensive experience in data analytics, machine learning, and process automation. Skilled in developing data-driven solutions that enhance business operations and drive strategic decision-making. Proficient in Python, SQL, and Big Data technologies with a proven track record in delivering impactful projects.

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## Experience

Harmonia Holdings Group, LLC

Software / Data Engineer

June 2025 - Present (1 month)

Virginia, United States

American University - Kogod School of Business

Kogod Graduate Ambassador

September 2024 - Present (10 months)

Washington, United States

American University

Graduate Assistant - Research and Teaching

February 2025 - June 2025 (5 months)

Washington, District of Columbia, United States

Uganda Development Bank

Senior Internal Auditor

June 2023 - July 2024 (1 year 2 months)

Kampala Uganda

\* Leveraged data analytics skills to execute assurance and consulting audits, sharing value-added recommendations leading to 20% rise in audit efficiency

\* Pioneered continuous audit models to assess compliance with policies, procedures, laws, and regulations for a compliance target score of 95%

- \* Applied data approaches using Python and SQL for loan book delinquency prediction model, repayment prediction, and risk segmentation
- \* Strengthened monthly revenue assurance reviews achieving recovery of Ugx 15Bn in lost revenue
- \* Deployed Power-BI dashboards to track status and resolution of respective audit recommendations achieving an issue closure rate of 78%

## Stanbic Bank Uganda

### Business Compliance Advisory Manager

December 2021 - May 2023 (1 year 6 months)

Kampala, Central Region, Uganda

- \* Championed business compliance risk assessments and advisory for three key bank business sections ie Flexipay Mobile Wallet, Business and Commercial Banking Unit
- \* Leveraged SQL skills to put in place compliance assessment models for key processes of Know Your Customer (KYC) compliance achieving a compliance score of 96%
- \* Facilitated development of Anti-Money Laundering (AML) Assessments, large cash transaction detection, and reporting leading to 100% regulatory compliance and reporting
- \* Evaluated and advised on Third-Party Risk Management for key business partnerships acquired at Stanbic Bank

## Equity Bank Uganda

9 years 11 months

### Manager Internal Audit

January 2019 - November 2021 (2 years 11 months)

Kampala, Central Region, Uganda

- \* Facilitated adoption of a new risk-based audit approach to for audit efficiency by 40%, enabling audit teams to focus on potential high-risk areas
- \* Collaborated with IT department to set up an automated audit system, reducing manual work by 60% and increasing accuracy and speed of audit reports
- \* Premeditated and executed risk-based audit programs, assessed internal controls and suggested recommendations for process enhancements achieving 100% annual audit plan compliance
- \* Modified data models achieved 25% automation of exceptions reports for daily reviews; recognized opportunities to leverage internal analytics capabilities leading to customization of stakeholder reporting across 8 functional areas

\* Reviewed and completed over 30 investigation reports, for executive-level consideration

#### Senior Internal Auditor

March 2015 - December 2018 (3 years 10 months)

Kampala, Central Region, Uganda

- \* Coordinated development of audit procedures for 6 key bank departments, namely, ICT Function, Finance, Operations, Credit, Procurement, and Treasury departments
- \* Designed an Internal Audit Methodology Framework aiding 90% compliance with IPPF standards
- \* Provided assurance services for operational processes, raising compliance levels to 85% average; harmonized with a team of 9 internal auditors to make analytical reviews for audit areas
- \* Tracked accurate levy of banking service tariff hence 100% automation of service charge recoveries from checking accounts activity
- \* Directed a team of 7 auditors in performing comprehensive internal audits, classifying and mitigating financial risks, and ensuring compliance with regulatory standards, resulting in a 30% reduction in compliance issues

#### Internal Auditor

December 2012 - March 2015 (2 years 4 months)

Kampala, Central Region, Uganda

- \* Customized innovative audit approaches and systems, resulting in a 40% improvement in audit efficiency and a 50% reduction in manual work
- \* Led detailed financial and operational audits, uncovering significant inefficiencies and potential fraud, saving an average of \$100,000 of potential fraud annually
- \* Carried out fraud awareness training for over 1,000 bank and non-bank staff
- \* Detected and investigated over 20 incidents of fraud in Credit, Operations, and Card Business

#### Banking Officer

January 2012 - December 2012 (1 year)

Kampala, Central Region, Uganda

- \* Realized sales goal of 80% or more each quarter by identifying customer needs and referring financial products and services
- \* Ensured 100% accuracy and real-time posting of all customer transactions
- \* Demonstrated a genuine client-centric service culture to ensure customer satisfaction levels were elevated and maintained above set target of 80%

\* Managed customer banking relationships for customers with a portfolio above USD 1M

Peekay Steve Associates, CPA

Audit Associate

May 2011 - December 2011 (8 months)

Kampala, Central Region, Uganda

\* Utilized proficiency in accomplishment Tax Compliance Assessments and filling out period tax returns for 5 clients

\* Performed data entry for clients in Tally, preparing financial statements for 2 years, synchronized with senior associates to conduct financial statements audits, suggesting new approaches to result in 30% reduction of audit time

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## Education

American University

Master of Science - MS Analytics · (August 2024 - June 2026)

American University - Kogod School of Business

Master of Science - MS Analytics · (August 2024 - June 2026)

Uganda Martyrs University

Bachelor of Business Administration (BBA), Accounting and Finance · (2008 - 2011)