

CLINTON BEYENE

Machine Learning Engineer | AI Training Specialist

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clinton-beyene



PROFESSIONAL SUMMARY

Machine Learning Engineer and AI Training Specialist with experience building fraud detection, credit risk, predictive analytics, and financial AI systems using Python, SQL, and modern ML frameworks. Skilled in end-to-end ML pipelines, feature engineering, model optimization, and translating data into business impact. Experienced working with international teams across AI training, analytics, and software projects.

EXPERIENCE

External Consultant

Yandex

Feb 2025 - May 2026 Remote

- Improved Yango Maps accuracy through analysis and validation of 10,000+ businesses.
- Supported strategic mapping initiatives using spatial and contextual data analysis.

Machine Learning Engineer

Decentral Technologies

Feb 2024 - Feb 2025 Remote

- Designed end-to-end ML pipelines for financial applications including preprocessing, training, and real-time inference.
- Built fraud detection and AML monitoring systems for live transaction streams.
- Developed credit risk prediction models that improved default risk assessment accuracy.
- Initiated development of AGAZ, a personal financial AI assistant for tailored money management.

Data Scientist

Souvenir Solution

Feb 2024 - Feb 2025 Remote

- Developed game-based digital experiences using engagement and behavioral data.
- Collaborated with UI/UX teams to integrate gamification-driven product features.

PROJECTS

Fraud Detection System

Python, ML

- Built fraud detection models achieving 92% accuracy using advanced feature engineering.

MY LIFE PHILOSOPHY

"Do Hard Things!"

MOST PROUD OF



ALX Ethiopia Pitch Competition

Contributed to winning 1st Place in Health & Impact Tech at the ALX Ethiopia Pitch Competition.



Proud of Launching Benaiah

Launched Benaiah, a community organization dedicated to empowering and shaping the future of young people across Africa in a positive way.

STRENGTHS

Hard-working

Eye for detail

Problem Solving

Motivator & Leader

Communication

AGILE Practice

Python

SQL

JavaScript

Generative AI (LLMs)

Computer Vision

Data Pipeline Engineering

Power BI

Git

CI&CD

Report Builder

Statistical Analysis

AI Training

LANGUAGES

English



Amharic



EDUCATION

B.Sc. CoTM (Project Management & Applied Mathematics)

Addis Ababa University

2019 - 2024

Data Science Professional Program

ALX Africa

2023 - 2025

- Reduced false positives by 22% through model optimization and data balancing techniques.

Credit Risk Assessment

Python, XGBoost

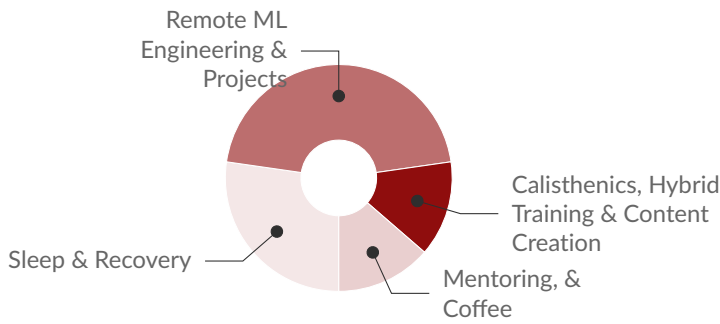
- Developed an XGBoost-based credit scoring system with 97% predictive accuracy.
- Simulated deployment scenarios leading to an estimated 18% reduction in defaults.

Portfolio Forecasting

Python, SQL

- Optimized investment portfolio allocation strategies and improved Sharpe Ratio by 24%.
- Built financial forecasting workflows using quantitative analysis techniques.

A DAY OF MY LIFE



CERTIFICATIONS

PL-300 Power BI Data Analyst Associate

Microsoft

📅 2025

AI Mastery Training Program

Kifiya & 10 Academy

📅 2024

Professional Development Skills

ALX Africa

📅 2024

DOMAINS

Fraud Detection

Financial AI

Credit Risk

Predictive Analytics

AML Monitoring

Machine Learning