


Seth Oketch

Nairobi, Kenya

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 [LinkedIn](#) | [GitHub](#)

Professional Summary

Detail-oriented and analytical third-year Economics and Mathematics student at the University of Nairobi, with a strong interest in public policy, research, and data-driven development. Equipped with hands-on experience in data analytics through the ALX program and ongoing training in social science analytics using R from MIT. Demonstrated ability to apply quantitative and qualitative methods to real-world socio-economic issues. Passionate about using data and economic theory to support evidence-based policymaking, particularly in areas that impact governance, education, and equitable development.

Education

Bachelor of Arts in Economics and Mathematics

University of Nairobi, Nairobi, Kenya

Relevant Coursework:

- **Economics:** Microeconomics, Macroeconomics, Development Economics, Financial Economics, Econometrics
- **Mathematics:** Real Analysis, Probability & Statistics, Linear Algebra, Differential Equations

Expected Graduation: December 2026

Technical Skills

- **Financial Analysis & Risk Assessment:** Credit risk modeling, financial forecasting, capital markets analysis
 - **Data Analytics & Visualization:** Microsoft Power BI, Excel (Advanced), SQL, Python, R,
 - **Corporate Finance & Investment Banking:** Financial statements analysis, risk management, business intelligence
 - **Software & Development:** Git, Agile methodologies
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Relevant Experience

Research Assistant

Department of Economics, University of Nairobi | Sep 2024 – Jan 2025

- Conducted **economic and financial risk analysis** using **R** to support academic research.
 - Assisted in the **evaluation of capital market trends and financial data interpretation**.
 - Designed and implemented **surveys for economic research**, analyzing key financial indicators.
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Projects

SDG 6 Water Accessibility Analysis (ALX Data Analytics)

- **SQL:** Conducted data cleaning and transformation to analyze water accessibility data across multiple regions.

- **Power BI:** Developed interactive dashboards to visualize trends and disparities in clean water distribution.
- **Excel:** Applied advanced spreadsheet functions to assess water quality metrics and affordability.

SDG 6 Water Usage and Sustainability Report (ALX Data Analytics)

- **SQL & Power BI:** Created a **data-driven report** on sustainable water usage, identifying inefficiencies and areas for policy improvement.
 - **Business Insights:** Provided recommendations on water conservation strategies using data trends and predictive modeling.
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Certifications

ALX Data Analytics Certificate

Corporate Finance Institute (CFI):

- Capital Markets
- Financial Statements Analysis
- Risk Management
- Business Intelligence
- Economics for Capital Markets

LinkedIn Learning:

- Economic Analysis & Data Analytics

- Managerial Economics
 - Power BI & Excel for Finance
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Languages

- **English:** Fluent
 - **Swahili:** Native
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References

Available upon request.
