
Seth Odhiambo Oketch

Nairobi, Kenya

 Email: sethoketch61@gmail.com |  +254114491850

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

Professional Summary

Economics and Mathematics undergraduate with a strong foundation in corporate finance, investment research, and financial risk analysis. Skilled in financial modeling, credit assessment, and data analytics, with proficiency in Excel, Power BI, SQL, and Python. Well informed in conducting research on financial markets, economic trends, and ESG-related themes, with a keen interest in sustainable finance and impact-driven investing.

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, Complex Analysis

Expected Graduation: December 2026

Technical Skills

- **Data Analytics & Visualization:** Power BI, Excel (advanced functions & VBA), SQL, Python (pandas, NumPy), R
 - **Corporate Finance & Investment Banking:** Financial statement analysis, valuation techniques, risk management, business intelligence reporting
 - **Software Development :** HTML, CSS, JavaScript, basic web app development, data visualization integrations
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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.

Mexico House Prices Analysis (WorldQuant University)

Python & Regression Modeling: Built a predictive model to estimate house prices using socio-economic and geographic features. Applied linear regression and feature engineering to enhance model accuracy.

Market Insights: Analyzed pricing trends and regional disparities, providing data-driven insights into urban housing affordability and investment opportunities.

Certifications

ALX Data Analytics Certificate

Corporate Finance Institute - Corporate Finance Professional

Power Learn Project Africa - Software Development