

# FREDRICK OCHIENG ACHIENG

## Data Analyst

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## PROFILE

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I am an experienced Data Analyst skilled in SQL, Python, and data visualization, dedicated to driving data-driven decisions and uncovering actionable insights. I am proficient in research and evidence gathering, leveraging these skills alongside statistical techniques to analyze complex datasets and ensure data integrity. I have a proven track record of collaborating with cross-functional teams to solve data-centric challenges and enhance analytical accuracy. I am passionate about technology policy and its impact on the data landscape.

## PROFESSIONAL EXPERIENCE

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### Data Analytics Intern

**Safra Data School** - Nairobi, Kenya    *May 2024 – August 2024*

- Leveraged statistical techniques and visualization tools such as Matplotlib and Seaborn to uncover actionable insights and trends within complex healthcare datasets.
- Undertook comprehensive data wrangling activities, addressing missing values, outliers, and data inconsistencies to ensure dataset integrity and reliability.
- Enhanced proficiency in Python and SQL, utilizing data manipulation libraries like Pandas and NumPy, and implementing machine learning algorithms with Scikit-Learn for predictive analytics.
- Worked synergistically with team members to tackle data-centric challenges, contributing to collective problem-solving and peer review processes to enhance the accuracy and robustness of analyses.
- Articulated analytical outcomes to both technical and non-technical stakeholders through detailed reports, presentations, and visual dashboards, ensuring clarity and actionable understanding of the data insights.

## **Talent Acquisition Analyst**

*August 2021 - April 2022*

**Strategic Commodities Financing Fund (SCF Fund) LLC – New York (Remote)**

- Analyzed recruitment metrics and candidate data to manage end-to-end candidate screening processes, including resume reviews, initial phone screenings, and in-depth virtual interviews. Utilized data-driven insights to assess candidates' qualifications and cultural fit, ensuring a high-quality selection process.
- Developed and executed data-informed recruitment strategies by analyzing trends from online job boards, social media platforms, and professional networks and leveraged data analytics to optimize sourcing channels and attract top talent for various roles within the company.
- Utilized data analytics to enhance the company's employer brand by evaluating and promoting values, culture, and benefits through data-driven content on career pages and social media. I monitored candidate experience metrics to ensure professional communication and engagement throughout the recruitment process.

## **Market Study Intern**

*May 2021 – August 2021*

**ALX – Lagos, Nigeria (Remote)**

- Conducted secondary research in the 6 Anglophone West Africa countries, analyzed key findings and recommended two cities to launch the *Young Leader Program* in the region based on a matrix.
- Created a database containing names of potential partners for the *Holberton Software Engineering Program* and entrepreneurship enablers in the Anglophone West African region.

## **Digital Analytics Specialist**

*October 2020 - January 2021*

**Lake Basin Innovation and Investments Week – Kisumu, Kenya**

- Monitored and analyzed social media metrics, such as engagement rates and follower growth, leveraging data analytics tools to measure campaign effectiveness and refining strategies in real-time.

- Developed and implemented targeted social media campaigns using data-driven insights to enhance visibility and engagement across platforms. Analyzed previous campaign performance to optimize targeting and strategy.
- Created and managed compelling content based on data analysis of audience preferences and engagement trends. Used metrics to guide content creation and scheduling for maximum impact.
- Collaborated with event stakeholders and partners by using data insights to align social media strategies with event goals and coordinated with other marketing teams to ensure a data-informed and cohesive promotional approach.

## EDUCATION

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### **Kabarak University**

#### **Bachelor of Science in Computer Science**

September 2020 – April 2024

*Relevant Coursework: Data Structures, Programming, Strategy and Decision Making, Communication.*

GPA 3.5(Second Class Upper Division)

Expected graduation date- December 2024

### **Starehe Boys' Centre and School**

Completed Secondary Education with a Focus on a Broad Academic Curriculum

KCSE Grade: B+

February 2016 – November 2019

AWARDS AND VOLUNTEER EXPERIENCE

Certificate of Achievement, Global Economic Awareness Project (GEA)

Aug 2018 – Jan 2019

- Recognized for presenting the most innovative business model and demonstrating a strong commitment to promoting economic literacy and responsible business leadership.
- Awarded for exceptional contributions to fostering a deeper understanding of economic principles and practices.

Volunteer, County Government of Kisumu

Oct 2018 – Nov 2018

- Conducted research and gathered data for assembly committees, supporting legislative initiatives and policy reviews with accurate and relevant information.
- Contributed to public awareness campaigns, enhancing community understanding of the assembly’s work and legislative processes.

SKILLS

- |                                   |            |                   |
|-----------------------------------|------------|-------------------|
| ● Exploratory Data Analysis (EDA) | ● Python   | ● Microsoft Excel |
| ● SQL                             | ● Power BI | ● PowerPoint      |

INTERESTS

- |                         |                     |                                   |
|-------------------------|---------------------|-----------------------------------|
| ● Data Science          | ● Client Management | ● Corporate Social Responsibility |
| ● Community Development | ● Healthcare        |                                   |

LANGUAGES

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| ● English - Fluent | ● Swahili - Native |
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