

# Denis Kiptui

■ Nairobi, Kenya | ■ your.email@example.com | ■ +254 7XX XXX XXX | ■ linkedin.com/in/yourprofile

## Profile Summary

Analytical and results-driven professional with a background in **Electrical and Electronic Engineering** and hands-on experience in **data analysis, telecommunications, and education systems**. Skilled in leveraging **SQL, Power BI, and statistical methods** to uncover insights and inform decision-making. Experienced in high-stakes environments such as **Kenya Power** and **Kenya National Examinations Council**, with a proven track record of problem-solving, collaboration, and innovation.

## Professional Experience

### Kenya National Examinations Council (KNEC), Ministry of Education

Junior Data Analyst | 2024 – Present (Seasonal)

- Conduct statistical analysis of national examination performance across subjects, regions, and gender.
- Identify performance trends and provide insights to support educational policy and improvement strategies.
- Utilize SQL, spreadsheets, and Power BI to prepare dashboards and reports.
- Collaborated with senior analysts to ensure accuracy and policy relevance of findings.

### Kenya Power and Lighting Company (KPLC)

Telecommunications Engineering Intern | Dec 2022 – Dec 2023

- Supported maintenance and troubleshooting of communication systems critical to power distribution.
- Assisted in implementing solutions that improved reliability of telecommunication infrastructure.
- Worked in high-stakes, mission-critical environments requiring teamwork and precision.
- Bridged engineering knowledge with operational challenges.

### [High School Name], Kenya

Teaching Assistant / Tutor | 2017 – 2021 (Seasonal)

- Selected as one of the top national exam performers to assist in exam marking and remedial teaching.
- Suggested timetable adjustments, such as scheduling mathematics in the morning, improving performance.
- Shared exam strategies and study methods with students.
- Built early leadership, mentorship, and communication skills.

## Education

**University of Nairobi** – B.Sc. Electrical and Electronic Engineering, Second Class Honors Upper Division | 2017 – 2022

**ALX Africa Bootcamp** – Data Tools Training (Spreadsheets, SQL, Power BI) | 2023 – 2024

**[High School Name], Kenya** – Kenya Certificate of Secondary Education (KCSE), A- overall | 2016

## Skills

- Data Analysis & Visualization: SQL, Power BI, Advanced Excel/Spreadsheets
- Engineering & Technical Skills: Telecommunications systems, troubleshooting
- Statistical Analysis: Trend analysis, descriptive statistics
- Soft Skills: Problem-solving, mentoring, communication, collaboration

## Achievements & Highlights

- Contributed to educational performance insights at KNEC, informing national education strategies.
- Improved student performance outcomes through timetable adjustments and remedial support.
- Supported critical telecommunication infrastructure at Kenya Power, ensuring reliability.
- Graduated among top performers in Mathematics at high school, leading to mentorship opportunities.