

# GEORGE KIMUNDUI KARANJA

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Phone: +254708714000

Address: 75376-00200, NAIROBI

E-mail: [georgekkaranja276@gmail.com](mailto:georgekkaranja276@gmail.com)

GitHub profile: <https://github.com/Gekika>

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## **Career Profile**

I am a self-driven and innovative professional passionate about the transformative power of data. Thriving in challenging environments, I excel as a collaborative team player with strong interpersonal skills. My active involvement in machine learning projects showcases my analytical abilities and innovative problem-solving skills. Eager to gain exposure in the dynamic field of data science, I am drawn to the Safaricom Internship Program. This opportunity aligns with my commitment to building expertise in data science and Artificial Intelligence, where I bring reliability, teamwork, and resilience. Excited about contributing to your team, I look forward to furthering my professional development through an internship with your organization.

## **Work Experience**

### **Data Science /Artificial Intelligence Code3Camp Boot Camp (Ngeni Labs)**

Data Science Student – January 2024 – present

- **Hands-on Project Work:** Actively engaging in hands-on data science projects covering diverse areas such as predictive modeling, natural language processing, and computer vision.
- **Technological Proficiency:** Acquiring proficiency in using key data science and artificial intelligence tools and frameworks, including but not limited to TensorFlow, PyTorch, and scikit-learn.
- **Statistical Analysis and Modeling:** Developing a strong foundation in statistical analysis, utilizing methodologies such as regression analysis and hypothesis testing to derive meaningful insights from data.
- **Collaborative Learning Environment:** Engaging in regular collaborative coding sessions, fostering teamwork and enhancing problem-solving skills through shared knowledge and insights.
- **Continuous Learning and Skill Enhancement:** Proactively keeping up-to-date with the latest developments in the field of data science and artificial intelligence.

### **Kenya Forest Service**

Software Engineering Attaché: September 2022 - December 2022

- **Attachment as Software Engineering Attache':** Engaged in a comprehensive attachment program focused on software engineering within the Kenya Forest Service.
- **IT Support and Collaboration:** Collaborated with the ICT team to gain practical insights into the integration of software solutions in the forestry sector.
- **Priority Issue Identification and Escalation:** Worked closely with the ICT team to troubleshoot and resolve issues promptly, contributing to a seamless IT environment.
- **Customer Service Delivery:** Implemented customer feedback mechanisms to continuously improve IT services and enhance overall user satisfaction.
- **Software Engineering Contributions:** Collaborated with the development team to enhance existing software applications, contributing to improved functionality and user experience.

## **Kanavilla Communications Limited**

Brand Ambassador for Safaricom PLC:2019 – 2020

- **Lead Qualification and Sales Optimization:** Successfully qualified leads generated from marketing campaigns, translating them into actionable sales opportunities.
- **Revenue Growth Strategies:** Implemented cross-selling and upselling techniques, resulting in a notable increase in revenue and achieving set revenue targets.
- **Daily Reporting and Performance Analysis:** Provided comprehensive daily reports to the Team Lead, outlining sales results, route coverage, and key performance indicators.
- **Product and Service Knowledge:** Maintained up-to-date knowledge of Safaricom PLC's products and services, ensuring accurate and effective communication with potential customers.
- Actively participated in ongoing training sessions to stay informed about new offerings and industry trends.

## **Education**

**UMMA UNIVERSITY** - Bachelors' Degree in Computer Science

2020-2023

**IVEY BUSINESS SCHOOL** – Certificate in Business Foundations

May 2023- June 2023

## **Certifications**

Python fundamentals – **Ec-council**

171007 (2023)

Data Science Foundations - **Great Learning**

FVIOVYZ (2023)

Python Foundations – **Data Camp**

#24,224,174 (2023)

## **Skills**

**Programming Language:** Python

**Machine Learning:** Supervised Learning, Unsupervised Learning, Natural Language Processing (NLP), Data Analysis and Visualization, Pandas, NumPy, Matplotlib, Seaborn, Tableau

**Statistical Analysis:** Regression Analysis, Hypothesis Testing, Statistical Modeling

**Data Preprocessing:** Feature Engineering, Data Cleaning

**Development Environments:** Jupyter Notebooks, VS Code, PyCharm

**Version Control:** Git, GitHub

## **Personal Attributes:**

- **Tech Enthusiast:** Enthusiastic about emerging technologies, with a keen focus on machine learning advancements.
- **Innovative Data Analyst:** Skillfully dissect complex datasets, turning challenges into innovative solutions using machine learning techniques.
- **Continuous Learner:** Committed to ongoing learning, exploring new methodologies to stay abreast of machine learning advancements.
- **Data-Driven Achiever:** Apply machine learning techniques with a results-oriented approach, translating theoretical knowledge into practical solutions for student projects and real-world applications.

