

# VICTOR PAUL KANG'ACHA KUNG'U

## DATA SCIENTIST

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### PROFILE

A results-driven Data Scientist with a passion for transforming complex data into strategic insights. Possessing advanced expertise in statistical modelling, algorithm development, and the construction of scalable, end-to-end data pipelines, I excel at identifying opportunities, crafting robust models, and optimizing performance. Adept at collaborating across functions, prioritizing tasks effectively, and guiding projects from conception through deployment, I am committed to delivering high-quality, production-ready solutions that drive measurable business impact.

### EXPERIENCE

#### AI/ML LEAD | GOOGLE DEVELOPERS GROUP, CHUKA UNIVERSITY | OCTOBER 2024 – APRIL 2025

- Designed and led interactive workshops on core data science principles, engaging club members through hands-on exercises and real-world use cases.
- Mentored new participants by presenting foundational data science and machine learning concepts, outlining their practical applications in technology and guiding personalized learning pathways.
- Established and facilitated peer-led study groups for deep dives into advanced data science topics, promoting collaborative problem-solving and knowledge sharing.
- Expanded community outreach and participation by 10% through targeted recruitment initiatives and inclusive programming for both students and external learners.

#### IT SUPPORTS INTERNSHIP | COUNTY GOVERNMENT OF KIAMBU, KIAMBU | MAY 2024 – AUGUST 2024

- Provided on-site and remote technical support to over 30 staff across various departments, maintaining a high satisfaction rate.
- Supported the upgrade and patching of operating systems and applications, improving system security and compliance.
- Helped implement basic cybersecurity practices, including antivirus deployment and password policy enforcement.
- Improved system performance by identifying and troubleshooting hardware/software issues on client machines.
- Participated in network setup and maintenance, including router installation and basic network troubleshooting.
- Assisted in configuring and deploying over 50 new workstations and networking devices, ensuring seamless onboarding for new employees.

### CERTIFICATION

#### CS50AI: INTRODUCTION TO ARTIFICIAL INTELLIGENCE WITH PYTHON | AUGUST 2024 | HARVARDX

- Through hands-on projects, I gained exposure to the theory behind graph search algorithms, classification, optimization, machine learning, large language models, and other topics in artificial intelligence as I incorporated them into my own Python programs.

## EDUCATION

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE | SEPTEMBER 2021 - APRIL 2025 | CHUKA UNIVERSITY

- **Major:** Data Science
- Gained a strong foundation in data analysis, machine learning, statistics, and programming.
- Completed coursework in Python, SQL, Data Mining and Artificial Intelligence.
- Worked on hands-on projects including credit scoring models and fraud detection systems.
- Actively participated in hackathons, coding challenges, and tech communities within the university.

### KENYA CERTIFICATE OF SECONDARY EDUCATION | JANUARY 2017 – APRIL 2021 | THIKA HIGH SCHOOL

- **Grade:** B

## SKILLS & ABILITIES

- Python
- TypeScript
- SQL
- Git
- AWS
- Pandas
- Scikit-Learn
- NumPy
- Seaborn
- TensorFlow
- Communication skills
- Teamwork
- Problem Solving
- Leadership

## HOBBIES & INTERESTS

- Football
- Bike riding
- Reading
- Exploring emerging technologies

## REFERENCES: AVAILABLE ON REQUEST