

Samuel Kamau

Software Developer

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Relevant Experience

Software Developer : Lead @ Nairobi City County

June 2023 – current // Nairobi, KE

- Audited current information systems in the organization.
- Collaborated with a small team of 4 to design and develop an intranet system using Figma, Node and React.
- Constantly communicated with key stakeholders to ensure the project met the business requirements and scope.

Quantitative Analyst : @ Team

November 2022 – July 2023 // Nairobi, KE

- Collaborated with a team of programmers and financial analysts to spearhead the development of a robust Algorithmic trading system.
- Engineered and formulated robust features from data used for training machine learning models such as ANN to deduce complex patterns from the data.
- Well documented the code to improve team collaboration and future work.

Junior Software Engineer : Intern @ British Airways

January 2022 – September 2022 // Online, California

- Scraping and analysing customer review data to uncover findings. ▸ Building predictive models to understand factors that influence buying behaviour while also creating effective visuals based on the various business scenarios.
- Effectively communicating my findings and explaining how it relates to each scenario.
- Identifying and encoding faces within images for mobile authentication.
- Interrogating data from terradata with SQL queries.

UI Engineer @ Savana

Jan 2019 – Dec 2021 // Nairobi, KE

- Collaborated with a small team of student designers to spearhead a new brand and design system for a learning institution.
- Worked closely with designers and management team to develop, document, and manage the conference's marketing website using Jekyll, Sass, and JavaScript
- Understanding user needs through strategic planning.
- Formulating user insights into concepts and solutions.

Skills

Programming Languages

Python, R, JavaScript (ES6), Go, Solidity, C, Java, Prolog, PHP

Libraries & Frameworks

jQuery, React, Gatsby, Django, Node.js, Express, Javafx, NextJs

Tools & Platforms

Git, Netlify, Heroku, AWS, Google Cloud, Kubeflow Docker, Firebase

Design

Sketch, Figma, InDesign

Education

KCA University

2019 – 2023 // Nairobi, KE

Bachelor of Science in Software Development

EDX Havard

2022

Artificial Intelligence

Projects

Music - AI

Introducing a new VAE-based architecture to generate novel musical samples.

Interests

Art, swimming, traveling, reading, dancing