

**ANDREW SIMIYU**  
*Data Scientist/Business Analyst*  
andrewwasan@gmail.com  
(254) 706020027  
github.com/wasanRuntime  
linkedin.com/in/andrew-s-381795180/

## Education

- 2021-2022 **ASPIRE INSTITUTE** **VIRTUAL**
- Academic and professional development program for low-income and first-generation college students. Selective program with applicants from 100+ countries.
  - Coursework included a virtual leadership course, interdisciplinary academic sessions, professional development workshops, and case-based instruction from Harvard Business School professors.
- 2019-2023 **RIARA UNIVERSITY** **NAIROBI**
- Bachelor of Science In Computer Science

## Experience

- Jan 2023 - Present **KENYA REVENUE AUTHORITY** **NAIROBI**
- Data Scientist**
- Identified key tax compliance trends, contributing to a 35% increase in the accuracy of targeted interventions and improvement strategies.
  - Applied advanced analytical techniques leading to a 30% enhancement in fraud detection accuracy, bolstering preventive measures, and protecting the system from malicious activities.
  - Leveraged data-driven forecasting models, resulting in a 25% increase in revenue projection accuracy, aiding in more precise financial planning.
  - Currently working on a Strategy towards Ksh. 3 Trillion Initiative.
- Sep 2022 – Dec 2022 **KENYA REVENUE AUTHORITY** **NAIROBI**
- ICT Support Management**
- Successfully deployed and maintained critical IT infrastructure components, contributing to a 50% system stability and performance improvement.
  - Demonstrated expertise in troubleshooting complex technical issues, reducing system downtime by 40%.
- Improved interdepartmental communication efficiency by 10%, facilitating seamless IT support.

**Skills** Python, Java, R, C, Linux, Superset, Git, Application Development, Dynamic Collaboration, Continuous Learning, Effective Communication, Organizational Excellence.

**Projects** *Face Attendance System (University Final Project)*

- Developed a Face Attendance System using Python, enabling students to mark their attendance via facial recognition technology.
- Implemented a user-friendly interface and integrated advanced face recognition libraries for accurate identification.

*Simple Shell (Remote)*

Co-developed a Basic Shell (Simple Shell) using C language, capable of accepting and executing Bash commands.

**PROFESSIONAL COURSE**

2023-Present **Africa Leadership Program (ALX - Africa)**

**VIRTUAL**

□ Software Engineering Nano-degree