

Alpha Musambi | Software Developer

Location: **Nairobi**

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GitHub: <https://github.com/alhandro>

Professional Profile

I am a versatile professional, detail oriented undergraduate with demonstrated capacity to provide comprehensive IT solution and support.

Skilled in multitasking with a wide knowledge in creating applications that meet the current market demands. Areas of interest include computer systems, software development and data mining. I am committed to continuous learning and professional development within IT fields.

Core Skills

- Excellent knowledge of a variety of programming languages including, python, java, JavaScript and sql.
- Strong trouble shooting skills with software, hardware and network products.
- Expert in android app development and web development.
- Proficient with machine learning tools and frameworks for data mining

Achievements

- AWS Academy Graduate
- Designing Internet of Things solutions.
- Coaches award Strathmore Gala awards(2018)

Projects

Cyber bullying

Created a cyber-bullying detection tool on social media with machine learning to detect cases of bullying

Server Administration

Created a server and managed a wide scope of users on Linux

Gaming and Animation

Created an online game using Unity and an animation using muvizu software.

Flappy Bird

Stack

Created an e-commerce website for food donation to charity homes

Career Summary

October 2022 – Date

Finley Collection Africa

System Administrator

October 2022

Aga Khan University Hospital

EHR intern

March 2021 - May 2021

@ilabAfrica

Internet of Things (IoT) Intern

Outline

Maintaining utmost levels of professionalism and adherence to strict procedures and code of conduct relating to the company.

Key Responsibilities

- Connecting sensors to I/O ports of a microcontroller
- Programming microcontrollers.
- Working with the Arduino Environment and building C/C++ Sketches.
- Integrating application software to IoT hardware.
- Architecting an IoT solution.

Key Achievement/ Projects

- Measuring water level distance for a pivoted tank with ultrasonic sensor
- Programming Sigfox mkr1200 modules and Arduino Uno boards.

2018:

Mariakani Primary School

Volunteer

Outline

A volunteer for the pre-school institution and the church.

Key Responsibilities

- Cleaning
- Sweeping
- Picking litter
- Arranging church seats
- Dusting windows

2017- 2021:

Strathmore University

Bachelors of Informatics and Computer Science

2013-2016:

Kenya Certificate of Secondary Education

Kakamega High School

Education/Qualification

- Bachelor's degree in Informatics and Computer Science
- Certificate of Secondary Education
- Certificate of Primary Education (2012)

Hobbies/Interests

- Reading Novels
- Programming

References available on request
