

## **Stephanie Achieng Otieno**

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### **EDUCATION**

#### **Strathmore University - April 2019 - December 2022**

**Major:** Informatics and Computer Science

**Coursework:** Data Structures and Algorithms, Software Engineering, Assembly Language programming, Object Oriented Programming(Python), Machine Learning, Compiler Construction, Embedded Systems and IoT.

#### **ALX Software Engineering Program - February 2022- January 2023**

**Major:** Software Engineering

#### **Brno International Summer school in Information Technology - July 2022 - July 2022**

**Major:** Cyber Security and Forensics

### **EXPERIENCE**

#### **Plan and Trend, Westland's Muthithi Road - February 2022 - April 2022**

Software engineer Intern

##### Responsibilities

- Writing and debugging code
- UI/UX design
- Server Administration
- Conducting user training
- Documenting user experience
- Writing SQL code

##### Achievements

I wrote a file finder program using Java

## **iLab Africa, Strathmore University - March 2021 - April 2021**

### **Internet of Things intern**

#### **Responsibilities**

- Designing and developing IoT solutions

#### **Achievements**

- Developed a sanitizer dispenser using a distance sensor
- Took part in developing an irrigation system using LoRa modules

## **PROJECTS**

### **Autism Prediction System**

I am currently developing a machine\_project that predicts the risk of a child being in the autism spectrum

### **Food Wastage Management Project**

An android application that connects children homes with events and hotels for distribution of surplus food.

### **Woodland**

A C++ based game where players are engaged in cutting as many trees as possible within a given amount of time. This was designed for stress relief.

### **Tic Tac Toc game using Assembly Language**

## **Skills**

### **Technical Skills**

Programming- Python, C++, C, Java, HTML

Cybersecurity

Internet of Things

Git

SQL

### **Soft skills**

Communication

Teamwork

Decision making

### **Volunteer Programs**

#### **Shalom Hospital, Athi River - January 2020-March 2020**

IT assistant intern

#### **Responsibilities**

- Providing hardware and software support

#### **St. Mary's Church Sabaki Outreach Program - 2018 to date**

This program involves collecting clothes and food twice a year and distributing them to different children's homes. During such visits we help in cleaning and play with the children