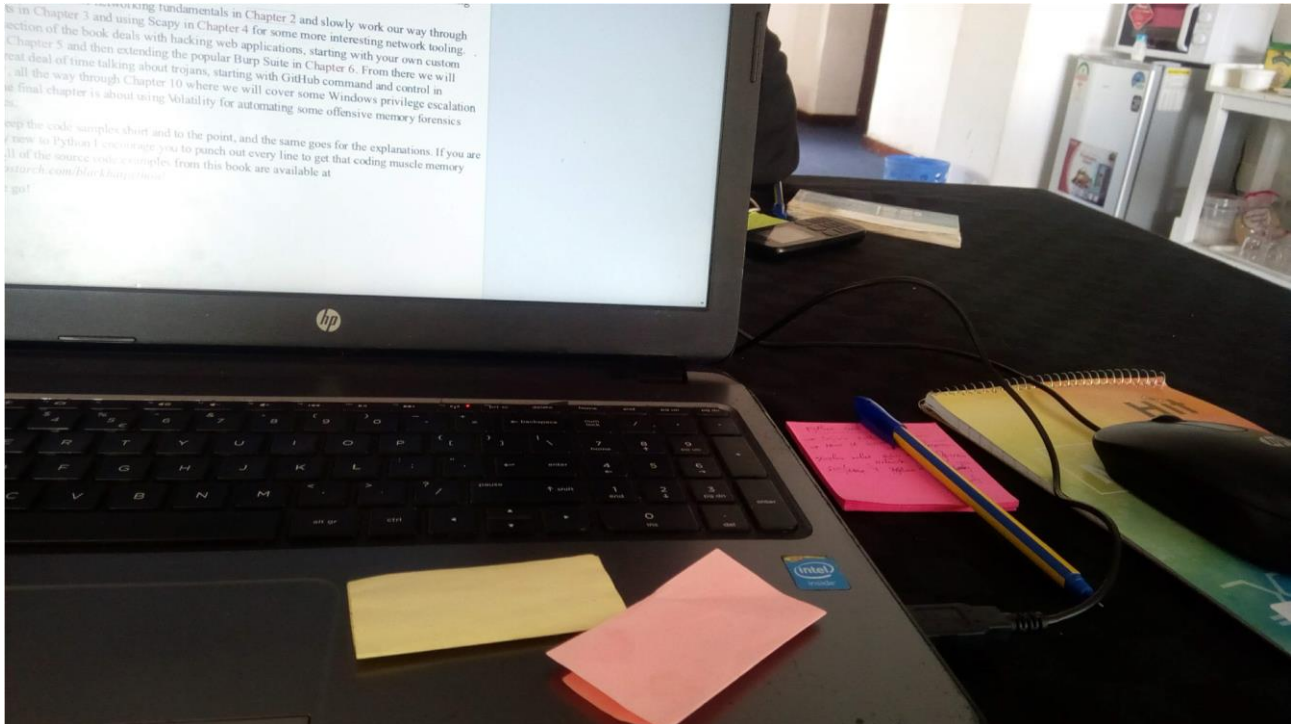


## MY EXPERIENCE JOURNEY.

Hello friend, I'm Ishmael Sirgoi Kipkoech and a computer science graduate, Pwani University 2019. My interest has always been in Web-development and Cyber security. However, as at the moment am taking a good time to really get deep into web development and other software development activities through collaboration.

## AS AN INTERN.

My internship experience at Swahilipot Hub - Mombasa started on May 19<sup>th</sup> 2019 and finished 10weeks later, leaving me with an immense amount of knowledge, learning experiences, and growing opportunities that I will forever appreciate.



My experience was based on hands-on-skills and learning since I was enrolled to CISCO networking Academy. My field attachment officer Mr. Chai in charge of ICT and networking provided a lot of support, guidance and moral support in order to really work smart and to be good in the field am working hard to be the best.

Mr. Briton Mwasaru, head of programming department, really coached making sure I always present on a topic every Thursday concerning cyber security, he was very clear when he explained that my job was going to be based on being a good guy in not only cyber security but also in the IT field as a whole.

During the 10 weeks, I can happily say I certainly covered all of the tasks Mr. Kelvin Chai mentioned and that now I have the experience and ability to understand many aspects referring to computer science and as well cyber security field.

## **JOBS PERFORMED:**

### **I. Networking.**

I enrolled to cisco networking academy where I gained a lot about networking from cabling to implementation of the designed networks from the academy.

Apart from just learning to crimp Ethernet cables, I got a chance to fix access points and cable them to the switch.

### **II. Training.**



As a cyber-security enthusiast, I was able to have a 2-hour session every week with my fellow attaché together with Swahilipot workers on cyber security randomly selected topics.

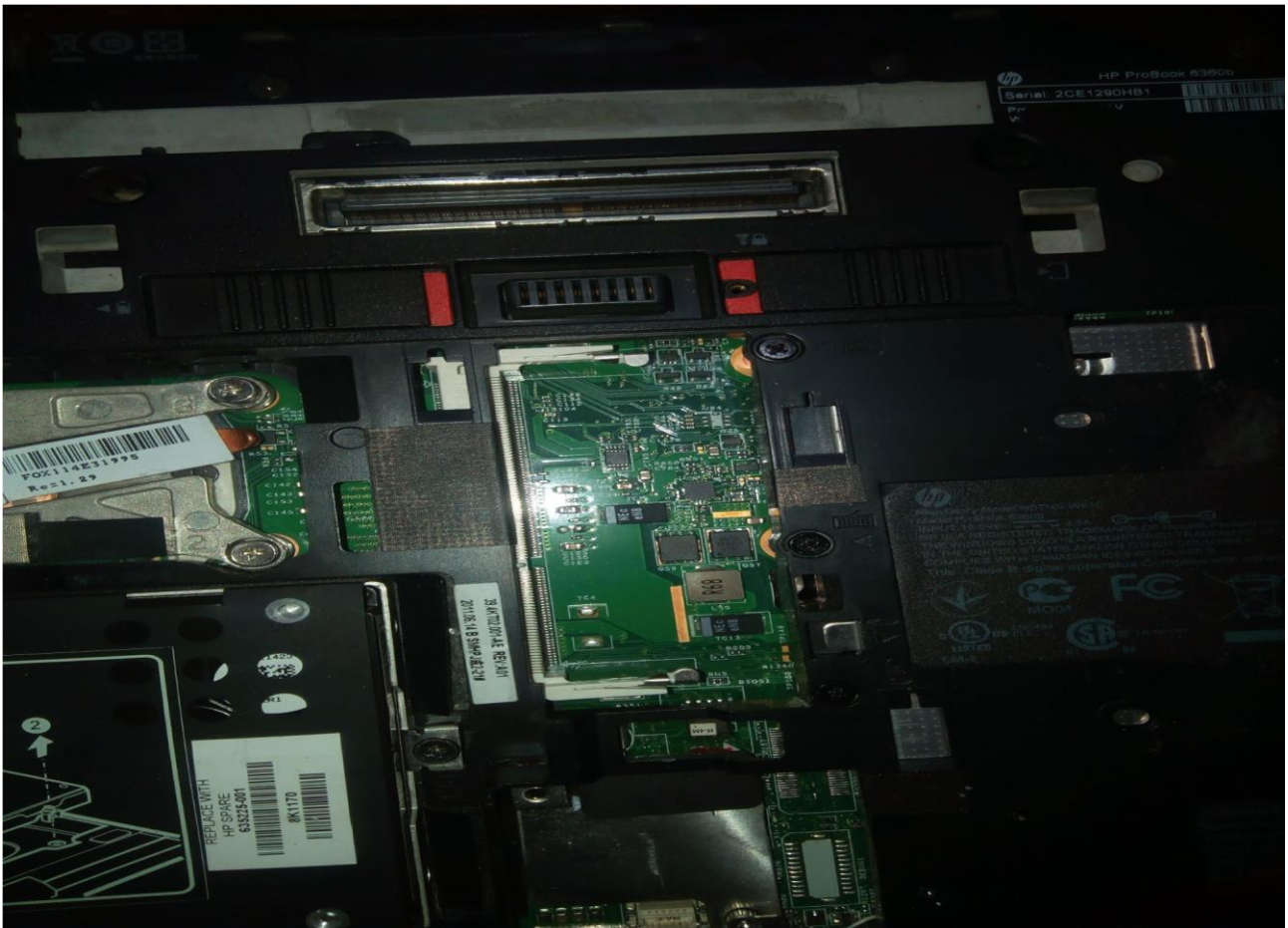
I successfully had a session on; *android phone penetration* where I could use a malicious apk file and fully gained access the phone.

My job was to ensure that I have enough research on a topic of my choice before a presentation.

Apart from having the practical part, I had the theory part where I had a presentation on data security and how to cope with cyber-attacks.

### **III. PCs and Hardware maintenance.**

I have always been so curious on how the motherboard of a laptop works and I met Patrick at Swahilipot Hub, he was very much willing to take me through each step from unscrewing to fixing and assembling back the laptops and the PCs.



## V. Programming.

With my fellow interns, we found out it was good to share our expertise in programming. We did much on python programming and Java.





## MEETINGSANDLEARNINGEXPERIENCES:

### I. AI and Machine learning.

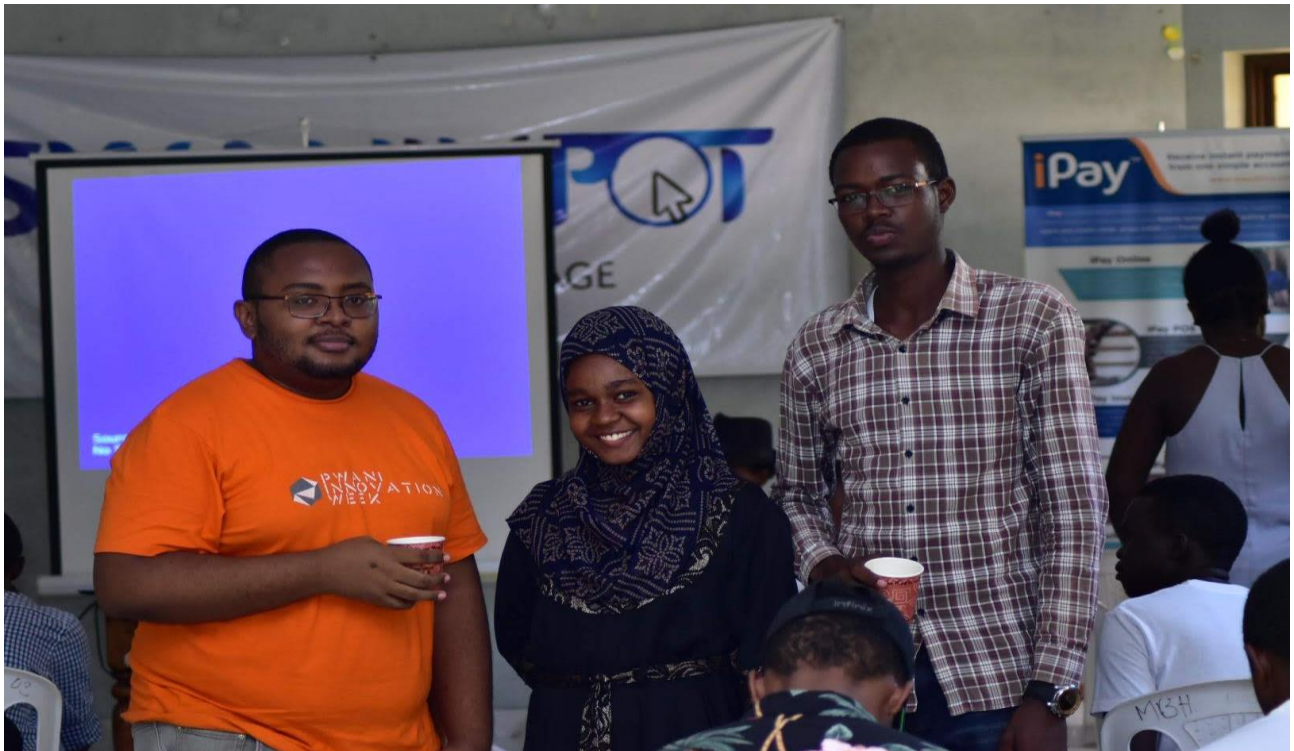
Having taken Artificial Intelligence (AI) as a unit back school was interested to meet people from AIKenya and Mr. Babusi Nyoni(Co-Founder at Sila Health).

Babusi Nyoni had a tour to east-Africa and being at the techie hub was a high chance and opportunity to listen to what he has actually done.



### II. IPAY meet-up.

IPAY is a payment platform; I was so keen to learn how it is integrated to e-commerce websites.



### III. Dialogue.

Briton is a deep reader in IT field he could not hesitate to share what the world technology holds, how the big companies emerged, and how most of the companies really work to its excellence.

He is that person who really inspired me in every-day's activity, that even if you are busy, find time to at-least grow your knowledge by knowing what as much as you can in the IT field and in your professional path.



### BOOTCAMPS AND SUMMITS.

#### I. Pwani Innovation week; December 2017.

.....to be continued.