



**UNIVERSITY OF NAIROBI
COLLEGE OF BIOLOGICAL AND PHYSICAL SCIENCES
SCHOOL OF COMPUTING AND INFORMATICS**

INDUSTRIAL ATTACHMENT BRIEFS

Name of Student: Juliet Wangari Wanjohi
Registration No: P15/34450/2013
Institution Attached: Savannah Informatics Ltd
Period of Attachment: January – May 2016

Objectives

1. Exposure to industrial work environments
2. Active participation in creating practical solutions using knowledge learnt
3. Build professional networks with potential employers

Activities Undertaken

1. **Front-End and Back-End Development** - Being part of a large developer team that collaborated on the Slade 360° EMR (Electronic Medical Records) project using different frameworks and technologies such as Git, AngularJS, Python and Django.
2. **End-To-End Testing** - I was responsible for spear-heading the creation of end-to-end tests that would test the usability of our product. The advantage of having end-to-end tests for a project is that they encouraged Behavior Driven Development (BDD) of a product that involves all stakeholders.
3. **Mentorship** – The Chief Technical Officer gave me the responsibility of being a mentor to a new intern who joined us in May. At first, the thought of being a mentor to someone else while you are still an intern was intimidating. However, I rose up to the task and gave my all while

mentoring Ivy, giving her the necessary guidance and assistance she required. I am happy to say that she is doing quite well as an intern developer, and adding to the growing female workforce at Savannah.

4. **User-Testing** - I was assigned the task of carrying out user tests on a group of users in order to test the functionality and usability of the Patient Portal.

Lessons worth Sharing

Always stay up-to-date

Information Technology is a constantly changing field, therefore, it requires one to be constantly up-to-date with the changing trends in terms of technologies and frameworks to use in order to be able to pick the ones that will serve your products best.

Interpersonal Skills

In order for one to be successful in whichever position they hold, one needs to have social skills that will enable you to communicate with your fellow colleagues and contribute your thoughts and ideas. At first, I was intimidated to engage with other team members because I thought that I did not have enough experience to warrant a conversation with them. However, I motivated myself and was able to collaborate with different team members of different levels of position. This way I was able to learn how to communicate my ideas to the rest of the team.

Leadership Skills

Being the only female intern at the time of starting out at Savannah, the rest of the interns and the Chief Technical Officer saw it fit to assign me the responsibility of being the representative for the intern group. This position enabled me to sharpen my leadership skills in terms of decision-making as well as ensure that the rest of the interns were comfortable at the work-place and well-organized.