



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

INDUSTRIAL ATTACHMENT BRIEFS

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Institution Attached: Sancom Limited
Period of Attachment: Feb – 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. Software development for real world problems
2. Network administration.
3. Web and mobile applications penetration testing, for vulnerability assessment.
4. Specific tasks as requested.

Lessons worth Sharing

1. When developing software one should think of the end user especially during UX design, so that users can appreciate the product.
2. When conducting some vulnerability assessment on web and mobile applications, there is need to appreciate the importance of security as part of the software development life cycle (SDLC), to avoid common vulnerabilities in software.
3. Software documentation is very important as users rely on it to understand how the software they are using works. I learned this as i was asked to document the software we developed to enable the users to learn how to use it.
4. Providing user support can be challenging. Trying to explain technical jargon to non-tech savvy users can be quite a challenge. It is therefore wise to improve on communication skills and not take it lightly as pleasing users/customers will always come first.