

Dr. Samuel Omboga Oonge

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Professional Profile

A dedicated and results-driven lecturer/ Manager with good experience in training and support in class and field activities with a specialization in software engineering and information security support skills. Strong teaching and leadership skills with several years in a teaching position. Possesses excellent interpersonal, communications and the ability to develop and maintain mutually beneficial internal and external relationships. Enjoys being part of, as well as managing, motivating and training, a successful and productive team, and thrives in highly pressurized and challenging working environments.

Education and Qualifications

PHD. Information Technology. Maseno University-Kenya

Thesis: Information Security Risk Assessment model in BYOD Environment.

MSc. Computing, 2006 Oxford Brookes University- UK

Thesis Addressing challenges in Information security in Kenyan rural Pharmacies.

BSc. General (Honors) 2000, University of Nairobi, Kenya

Second class honors

Diploma. Computer Hardware and Software Maintenance. A+ COMPTIA Certification. 2004.

Diploma. Institute Management and Information Systems (IMIS) 2000.

Papers Written.

Oonge S, Mukisa M, Makiya C: *Adoption of Bring Your Own Device: Challenges and Risks in Higher Learning Institutions in Kenya- International Journal of Computer Applications Technology and Research Volume 9–Issue 11, 303-310, 2020, ISSN:-2319–8656*

Oonge S, Mukisa M, Makiya C: *A Bring Your Own Device Risk Assessment Model; International Journal of Security (IJS), Volume (12): Issue (2): 2021 15 ISSN: 1985-2320, Oonge S, challenges in information Security in Kenyan pharmacies.*

Career Summary

Lecturer Maseno University- Kenya.

Lecture School of computing and informatics

August – 2009- Present

- A lecturer in the department of Information Technology with Areas of interest as Project management, software engineering and information and systems security. I have managed to graduate over 10 groups of undergraduate students.
- Participates in project support training development and evaluation at the school of computing for the years three and four students.
- Teaching post graduate students in the school supporting them through the course requirements. January 2023 present.
- Supporting both Masters and PHD students in their thesis and dissertation writing. My first group of students are at school level presentations. September 2023-present

Director Information Technology Enterprise Center (ITEC)

2013-2015

- Took lead in the enterprise center whose main mandate is ICT consultancy, education and ICT resource support center where I managed to grow the student numbers from 300 to 1100 in the two years.

Common IT Coordinator

2011- 2013

- Acted as a coordinator for Common Information Technology (IT) courses and exams, where I was responsible for managing and coordinating all the activities concerning timetabling, teaching and examining of common IT courses in Maseno university.

Program Coordinator (e-Campus, Kisumu City and Homabay Campus) Apr 2011 – Dec 2014

- Performing duties on behalf of the Dean in regard to programs offered by the School of Computing and Informatics. Performing other duties assigned by the Directors in charge of the respective campuses

PROJECTS IN PROGRESS

Sure Food Projects (2023-2024)

Co-Principal Investigator in sure food Project in Kenya in collaboration with the University of Hohenheim.

To develop a simulation tool for modeling diet diversity, to meet the recommended nutritional requirements at affordable costs for low-income community members.

Malaria Vaccine Uptake in Kenya Project. (2023-2024)

Co-principle investigator in the malaria project in collaboration with university of Hohenheim.

To investigate whether recalling personal opinions about COVID-19 immunization affects short-term malaria vaccination hesitancy.

PAST CONSULTANCIES (SELECTED ACTIVITIES)

Evidence Action – Africa Region

Kenya

Lead Consultant: National School Based Deworming

March, May and July 2018

- Trained Nine Team leads and 217 field staff for collecting data in a total of nine counties of Western and coastal regions of Kenya including Kericho, Bomet Trans-Nzoia Taita-Taveta and Tana-River. Who successfully completed their work
- Cleaned the data and wrote a report to support the challenges strengths and successes of the during the projects.

Evidence Action – Africa Region

Kenya

Lead Consultant Process Monitoring for Lymphatic Filariasis LF

Nov 2017- Dec 2017:

- Lead trainer of 6 field managers and 156 field officers in a project done at the coast region.
- Lead in Training process of over 500 Community Healthy Volunteer to understand and support the deworming data collection activity.
- Was the lead person in the overall data collection of Mass Deworming Administration and Validation Coverage where over 2000 questionnaires were administered electronically.

University of California USA:

Kenya

Lead Consultant Evaluation Last Mile connectivity Project

Sep 2017-Dec 2017

- Had a Major roll of overall project initialization and implementation including training of data collection tools in a team of 28 staff.
- Piloted the survey tools and administered the electronic survey to 2505 households in Busia and Siaya Counties.

Evidence Action Kenya;

Kenya

Lead Consultant: Take Up a Rural Deworming project.

Oct 2015- July 2016

- Took lead in mobilizing chiefs, and community health volunteers from the selected villages to sensitize the community about the deworming exercise in the five counties that included Busia, Siaya, Kakamega, Bungoma, Vihiga.
- Spearheaded the identification and mapping of deworming stations to be used during the exercise through GPS in the five counties where we mapped over 210 stations in the five counties.
- Trained the facilitators and enumerators on electronic data collection and supported the project in monitoring and data collection.

Ministries of Health,

Kenya

Research assistant: Health Informatics;

January – June 2009

- Assisted on the health informatics in designing and testing data collection tools and conducted initial data collection.
- Participated in the data analysis and initial report writing Produced summary project reports, memos, briefs and other material for stakeholders.

Professional Development

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| • Information Security Professional | • Effective Man Management |
| • Management development program | • Appraisal Training |
| • Presentation Skills | • Team Building |
| • Social development | • Creativity Training |

References Are Available On Request