



THE TECHNICAL UNIVERSITY OF KENYA

Haile Selassie Avenue, P.O. Box 52428, Nairobi, 00200, Tel +254(020) 343672, 2249974, 2251300, 341639

Fax 2219689, Email: vc@tukenya.ac.ke, Website: www.tukenya.ac.ke

NAME: DR SAM NJAU NJUKI

Faculty:	Applied Sciences and Technology
School:	Computing and Information Technology
Department:	Computer Science & Technology
Current Designation:	Assistant Lecturer, INFORMATION SYSTEMS AND TECHNOLOGY
Office Telephone:	343672
Official Email:	snjuki@tukenya.ac.ke
Consultation Hours:	8am-5pm



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Engineering (Dr-Ing)	COMPUTER SCIENCE AND TECHNOLOGY	BEIJING UNIVERSITY OF TECHNOLOGY(China)	2019
Masters of Science (M.Sc.)	COMPUTER SCIENCE AND TECHNOLOGY	CENTRAL SOUTH UNIVERSITY(China)	2011
Bachelor of Science (BSc)	MATHEMATICS AND COMPUTER SCIENCE	JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY(Kenya)	2005
Diploma	PHYSICS AND MATHEMATICS	KAGUMO TEACHERS COLLEGE(Kenya)	2001
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	WITU SECONDARY SCHOOL(Kenya)	1996

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
2009 - 2015	Technical University of Kenya	Assistant Lecturer
2010 - 2011	Central South University	Voluntary Research Assistant
2007 - 2009	The Kenya Polytechnic	Assistant Lecturer
2006 - 2007	Lenana School	Maths & Computer Teacher
2005 - 2006	Bien Consultants	Assistant Data Analyst

GENERAL STATEMENT ON RESEARCH AREAS

Information Security, Cloud Computing, Mobile Computing, Deep Learning

SELECTED PUBLICATIONS

TITLE	LINK TO PULICATION
Integrating Innate Immune Concepts in the Design of an Artificial Immune System-Based Network Intrusion Detection	http://www.aicit.org/jdcta/global/paper_detail.html?jname=JDCTA&q=954 https://scholar.google.com/citations?hl=en&user=IS0W_-MAAAAJ
Towards Automated Intrusion Response: A PAMP-Based Approach	http://www.jourlib.org/paper/2589340#.VY10nVLRvIU https://scholar.google.com/citations?hl=en&user=IS0W_-MAAAAJ
Using The Dynamic Timeout Period Method in Multipath Congestion Control	http://thebestthesis.com/?doc/66506 https://scholar.google.com/citations?hl=en&user=IS0W_-MAAAAJ
Towards Congestion Control in Mobile Devices by Combating TCP Based Attacks	http://thebestthesis.com/?doc/66506 https://scholar.google.com/citations?hl=en&user=IS0W_-MAAAAJ
Performance analysis of non-linear activation in Convolution Neural Network for Image Classification	https://scholar.google.com/citations?hl=en&user=IS0W_-MAAAAJ
The Convolution Neural Network with Transformed Exponential Linear Unit Activation Function for Image Classification	https://doi.org/10.1145/3317640.3317649 .
An Evaluation on Securing Cloud Systems based on Cryptographic Key Algorithms	https://doi.org/10.1145/3242840.3242853
A comparative study of fine-tuning deep learning models for plant disease identification	https://doi.org/10.1016/j.compag.2018.03.032
Analysis of Virtual Machine Migration Security Architectures in Cloud Computing	https://www.ijser.org/onlineResearchPaperViewer.aspx?Analysis-of-Virtual-Machine-Migration-Security-Architectures-in-Cloud-Computing.pdf .

EXTRA INFORMATION

DESCRIPTION

https://scholar.google.com/citations?hl=en&user=IS0W_-MAAAAJ