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 SAMSON NJAU NJUKI Faculty: Applied Sciences and Technology School: Computing and Information Technology Department: COMPUTER SCIENCE AND INFORMATICS Current Designation: Lecturer, COMPUTER SCIENCE AND INFORMATICS (DCSI) 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 TECHNOLOLGY	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 PUBLICATION YEAR
Integrating Innate Immune Concepts in the Design of an Artificial Immune System-Based Network Intrusion Detection	View online
Towards Automated Intrusion Response: A PAMP-Based Approach	View online
Using The Dynamic Timeout Period Method in Multipath Congestion Control	View online
Towards Congestion Control in Mobile Devices by Combating TCP Based Attacks	View online
Performance analysis of non-linear activation in Convolution Neural Network for Image Classification	View online
The Convolution Neural Network with Transformed Exponential Linear Unit Activation Function for Image Classification	View online
An Evaluation on Securing Cloud Systems based on Cryptographic Key Algorithms	View online
A comparative study of fine-tuning deep learning models for plant disease identification	View online
Analysis of Virtual Machine Migration Security Architectures in Cloud Computing	View online

EXTRA INFORMATION	
DESCRIPTION	
https://scholar.google.com/citations?hl=en&user=ISOWMAAAAJ	