



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 EDWIN OUMA NGWAWA

Faculty:	Applied Sciences and Technology
School:	Computing and Information Technology
Department:	COMPUTER SCIENCE AND INFORMATICS
Current Designation:	Tutorial Fellow, COMPUTER SCIENCE AND INFORMATICS (DCSI)
Office Telephone:	+254(020) 2219929, 3341639, 3343672
Official Email:	edwin.ngwawe@tukenya.ac.ke
Consultation Hours:	8AM-5PM MON - FRI



EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Doctor of Philosophy (PhD)	COMPUTER SCIENCE	UNIVERSITY OF NAIROBI(Kenya)	2023
Masters of Science (M.Sc.)	DISTRIBUTED COMPUTING TECHNOLOGY	UNIVERSITY OF NAIROBI(Kenya)	2014
Bachelor of Science (BSc)	COMPUTER SCIENCE	MOI UNIVERSITY(Kenya)	2011

WORK EXPERIENCE

PERIOD	INSTITUTION	POSITION
AUG 2015 - TO DATE	TECHNICAL UNIVERSITY OF KENYA	TUTORIAL FELLOW
JUNE 2012 - TO DATE	TECHSULT LIMITED	SOFTWARE DEVELOPER

GENERAL STATEMENT ON RESEARCH AREAS

Data Science, Artificial Intelligence, Cybersecurity, Software Engineering, Internet of Things.

SELECTED PUBLICATIONS

TITLE	LINK TO PUBLICATION	YEAR
Estimating Perceived Risk from Consumer perspective on an E-commerce Platform	View online	2022
Trust Enhanced Collaborative Filtering Recommendation Algorithm	View online	2023
Internet of Things Learning Methodologies, Teaching Tools and Teaching Platforms	View online	2021
Context-Aware Computational Trust Model for Recommender Systems	View online	2021
Near Real Time Machine Driven Signature Detection, Generation and Collection	View online	2017
Practical and Projects Based Learning for Internet of Things	View online	2021
Principle Components of Trust in Ecommerce Platforms from the Consumer Perspective	View online	2022
Improving Online Experience Using Trust Adjustment Factor for Recommender Systems	View online	2021
Predicting Trustworthiness of an E-Commerce Platform From the Consumer Perspective	View online	2022
Impact of Trust Adjustment Factor on Artificial Intelligence Driven Collaborative Filtering Recommendation Algorithm	View online	2023