



THE TECHNICAL UNIVERSITY OF KENYA

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EDUCATION

LEVEL	QUALIFICATION NAME	INSTITUTION	YEAR
Masters of Science (M.Sc.)	COMPUTATIONAL INTELLIGENCE	UNIVERSITY OF NAIROBI(Kenya)	2022
Bachelor of Science (BSc)	COMPUTER SCIENCE	KENYATTA UNIVERSITY(Kenya)	2019
O level/Equivalent	KENYA CERTIFICATE OF SECONDARY EDUCATION	THE KENYA HIGH SCHOOL(Kenya)	2014

COURSES TAUGHT

NAME	DESCRIPTION	PERIOD
Compiler Design & Construction	The course introduces the students to the operation of a modern compiler that translates code in a programming language into machine code. Special emphasis is placed on the actual construction of a compiler by working on a project that builds a compiler for a language that is a subset of C++.	Sep 2023 - TO-DATE
Automata Theory & Languages	Automata theory deals with the definitions and properties of mathematical models of computation. - The finite automaton, is used in text processing, compilers, and hardware design. - The context-free grammar, is used in programming languages and artificial intelligence. - Turing machines represent computable functions.	April 2023 - To-Date