NIGEL NKOMO

Intern I Computer Systems Engineering Undergraduate

Mobile Number: +263 77 535 8610
Email: nigel.nkomo@icloud.com
Portfolio: https://nigelnkomo.github.io/portfolio/

PROFILE

An intellectually curious and design-driven undergraduate with a solid foundation Graphic Design, UI/UX Design, Frontend Web Development, Shell Scripting and Robotics programming. Enthusiastic about continual learning, innovation, and collaborative problem-solving.

PROJECT EXPERIENCE

Simulation-Based Robotic Arm for Pick-and-Place Task — Aug 2024 - May 2025, Developed a robotic arm simulation using ROS and MoveIt to plan and execute pick-and-place operations as part of the level 2 dissertation in Computer Engineering.

Portfolio Website Design & Development — 2025 - Present, Designed and developed an interactive portfolio website using Figma, Lunacy, HTML, CSS, and JavaScript to showcase personal projects

EDUCATION

Midlands State University, Gweru, Zimbabwe — **BSc Computer Systems Engineering, 2023 - Present**

The TEFL Academy — **Level 5 Diploma in Teaching English as a Foreign Language (TEFL)**, 2022 (completed online)

Marist Brothers High School, Dete, Zimbabwe
4 A-Levels passes including Mathematics (A) and Physics (B), 2017 - 2018
12 O-Level passes including Mathematics (A), English (B) and Physics (A), 2013 - 2016

SKILLS

Programming Languages: C++, Python, JavaScript, Bash
Web Development and Tools: HTML, CSS, Linux, Git, GitHub, VS Code
Robotics & Simulation: ROS, MoveIt, Gazebo,
UI/UX Design: Figma, Lunacy, Strong interest in user-centred design
Problem-Solving: Algorithm design, debugging
Design Thinking: Visual balance, accessibility and responsive layouts