

NIGEL NKOMO

Attachment Candidate | Computer Systems Engineering Student

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Portfolio Website: <https://nigelnkomo.github.io/portfolio/>

Figma Designs: <https://www.figma.com/@nigelnkomo>

PROFILE

As an aspiring Computer Systems Engineering professional, my goal is to leverage my skills in robotics simulation, web development, and problem-solving to contribute effectively in a tech-driven environment. I have successfully developed a robotic arm simulation project using ROS and MoveIt, showcasing my hands-on approach to engineering challenges. Passionate about technology and eager to grow, I am excited to apply my knowledge in a dynamic setting, continuously learning and adapting to new technologies.

PROJECT EXPERIENCE

Simulation-Based Robotic Arm for Pick-and-Place Task — Aug 2024 - Aug 2025

Developed a robotic arm simulation using ROS and MoveIt to plan and execute pick-and-place operations.

Portfolio Website Design & Development — 2025 - Present, Designed and

developed an interactive portfolio website using Figma, 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

Web Development: HTML, CSS

Robotics & Simulation: ROS, MoveIt, Gazebo, Rviz

OS and Tools: Linux, Git, GitHub, VS Code, Figma

Problem-Solving: Algorithm design, debugging

Soft Skills: Communication, teamwork, adaptability, time management

Typing Speed: 50+ WPM