



OKUMU CHRISTOPHER WASONGA



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Nairobi - Kenya

PROFILE

- ✓ MARITAL STATUS - SINGLE
- ✓ NATIONALITY - KENYAN

LANGUAGE

- ✓ ENGLISH
- ✓ KISWAHILI

SKILLS

PROGRAMMING LANGUAGES:

- ✓ C/C++
- ✓ JAVA
- ✓ PYTHON
- ✓ DART

WEB DEVELOPMENT:

- ✓ HTML
- ✓ JavaScript

OPERATING SYSTEMS:

- ✓ WINDOWS
- ✓ LINUX

CYBERSECURITY & SOFT SKILLS:

- ✓ Penetration Testing
- ✓ Network Security
- ✓ Ethical Hacking

SUMMARY

A motivated and committed student at Daystar University pursuing a degree in Applied Computer Science with a keen interest in cybersecurity. Proficient in programming languages such as Python, C, C++, and Java, I am passionate about leveraging technology to solve complex problems while ensuring security and resilience in digital systems. Through in-depth study, hands-on projects, and security-focused learning, I have developed expertise in data structures, algorithms, web development, and fundamental cybersecurity concepts such as network security, encryption, and ethical hacking. With a meticulous eye for detail and a problem-solving mindset, I am eager to apply my knowledge in cybersecurity and software development, contributing to innovative and secure technological solutions. Seeking opportunities to further expand my skills in a dynamic and security-conscious environment. For more, have a look at my portfolio: - <https://metrictiger1.github.io/portfolio/>

EDUCATION

2022 - NOW

UNIVERSITY

- ❖ Bachelor of Science in Applied Computer Science [Ongoing]
- ❖ Daystar University Main Campus, Athi River, Kenya
- ❖ Expected Graduation: [2026]
- ❖ Relevant Coursework: [Object Oriented Programming]

2018 - 2022

HIGH-SCHOOL

- ❖ Kenya Certificate of Secondary Education (KCSE)
- ❖ Nairobi School, Nairobi, Kenya
- ❖ Overall Grade: B+
- ❖ Points: 72

2009 - 2017

PRIMARY SCHOOL

- ❖ Kenya Certificate of Primary Education (KCPE) (2017)
- ❖ Nyabondo Boys Boarding Primary School, Kisumu, Kenya
- ❖ Overall Score: 404

CORE STRENGTH

- Strong analytical and problem-solving skills, consistently identifying innovative solutions to complex challenges.
- Excellent communication and interpersonal abilities, fostering collaboration with cross-functional teams and stakeholders.
- Detail-oriented and highly organized, effectively managing multiple priorities and tasks.
- Proficient in programming languages including Python, Java, and C/C++, with a deep understanding of the software development lifecycle and cybersecurity principles such as encryption, network security, and ethical hacking.

SELECTED ARCHIVEMENTS

- Led a team of 8 as the Red Cross Club Chairperson in Nairobi School, reaching the national-level in the first aid competition.
- Participated in regional-level Math’s Club competition during high school.
- Demonstrated leadership as a student leader for 4 years (Class 5-8) in [Nyabondo Boys’ Boarding Primary School].

HOBBIES

- ❖ **Coding** – Passionate about developing secure and efficient software solutions.
- ❖ **Researching** – Continuously exploring advancements in cybersecurity, encryption, and ethical hacking.
- ❖ **Reading** – Staying updated on emerging technologies, security threats, and industry trends.
- ❖ **Travelling** – Enjoy discovering new places and cultures, broadening my perspective.
- ❖ **Swimming** – A refreshing way to stay active and maintain a balanced lifestyle.

EXPERIENCE

Class Mini-Project | Daystar University | Nairobi, Kenya | March-April 2023

- Successfully completed a class mini-project, demonstrating exceptional skills and achieving a high grade [90%] for the project.
- Collaborated with classmates to develop and implement a solution, showcasing teamwork and effective communication.
- Applied technical knowledge and problem-solving abilities to overcome challenges and deliver a successful project outcome.

Self-Initiated Cybersecurity Vulnerability Assessment | Nairobi, Kenya | August-September 2024

- Conducted **penetration testing** on a local network to identify security vulnerabilities and recommend mitigations.
- Exploited common security flaws such as **SQL injection, XSS, and broken authentication**, improving hands-on cybersecurity skills.
- Documented findings and proposed security enhancements, demonstrating strong analytical and reporting abilities.

REFEREES

- Mr. Anthony Wambua
- Lecturer of Computer Science
- Daystar University
- Phone: +254721589325