

# Joachim Wambua

I am a recent Bsc. Computer Science graduate eager to help companies build innovative web applications tailored to their brands through iterative software design and development while helping them understand their users better through data analytics.

## EXPERIENCE

### **The Room, Nairobi — *ALX Portal & Ecosystem Intern***

JUNE 2021 - NOVEMBER 2021

- Built front-end components for The Room's Young Leader Portal web application using VueJS & TailwindCSS as part of a team of 4 developers for a platform used by 800+ young leaders.
- Developed UI wireframes and high-fidelity designs for The Room's Young Leader Portal.
- Conducted data analysis on The Room's data of over 800 Young Leaders & over 2000 job opportunities using Spreadsheets & Python.
- Matched over 200 Young leaders to job opportunities listed on The Room's Young Leader Portal.

### **The ALU School of Wildlife & Conservation, Kigali — *Social Media & Website Management Intern***

SEPTEMBER 2019 - DECEMBER 2019

- Increased traffic to their website by approximately 30% in the build-up to & during 2019 BCC conference held at the Kigali Convention Centre on Sept 8-9 2019.
- Supervised the company's social media platforms, consequently increasing social platform following by 21%.
- Designed graphic design posts and communication strategies for the company's social media platforms posting over 100 designs on their social platforms.

### **The ALU School of Wildlife & Conservation, Kigali — *Stakeholder & Communications Project Intern***

JUNE 2019 - SEPTEMBER 2019

- Produced high-quality graphic design content for social media platforms increasing the company page's likes by approximately 45%.
- Improved the company's communication strategies by utilising researched graphic design principles to create over 100 compelling marketing campaigns and appealing marketing collateral.

## EDUCATION

Kigali, Rwanda

**+254 719 417 307/+250 783 713 867**

[joachimwengi@gmail.com](mailto:joachimwengi@gmail.com)

[LinkedIn Profile](#)

## SKILLS

Programming (Python, Dart, C++, VueJS)

Front-End Development - Web(HTML, CSS, Javascript), Mobile App Development

UI/UX Design(Figma, Adobe XD)

Machine Learning Model Development(Jupyter Notebook, Python)

Motion Graphics Design(Adobe Photoshop, Premiere Pro & After Effects)

## INTERESTS

Programming

Machine Learning

Data Science

Internet of Things

Game Development

Robotics

## LANGUAGES

English - Native

Swahili - Native

## **BSc. Computer Science, Kigali — *The African Leadership University***

SEPTEMBER 2018 - MAY 2022

### ***Relevant Coursework Completed:***

**Year 1:** Data and Decisions; Communicating for Impact; Project Management; Entrepreneurial Leadership,

**Year 2:** Programming 1, Discrete Mathematics, Database Systems, Mathematical Foundations of Computing, Programming 2, Data Structures & Algorithms, Website Development, Computer Architecture.

**Year 3:** Introduction to Systems Programming, Software Engineering, Human-Computer Interaction, Tech & Society, Mobile App Dev, Artificial Intelligence, Cloud Platform Dev, Networks

**Year 4:** Advanced Algorithms, Computing Research, Computer Security, Machine Learning, Data Mining, Internet of Things, Advanced Databases, Capstone Project

## **EXTRACURRICULAR/ LEADERSHIP EXPERIENCE**

### **TEDx ALU Rwanda, 2019 — *Lead Graphics/Motion Designer***

APRIL 2019 - DECEMBER 2019

- Actively contributed to organising the 1st ever TEDxALURwanda event as part of the marketing team.
- Designed over 30 social media content & strategies to promote the event.
- Actively contributed to producing event t-shirts for over 300 registered attendees to help promote the event.
- The 2019 event was a success with over 300 attendees.