

CHARITE UWATWEMBI

Rwandan | KG 25 Street, Kigali, Rwanda | +250789951064
c.uwatwembi@alustudent.com | [LinkedIn](#) | [GitHub](#) | [Discord](#)

SUMMARY

As a dedicated software engineering student with a strong background in web development and programming languages like Python, C++, and JavaScript. I am proficient in designing robust, scalable solutions and am committed to continuous learning. I am eager to contribute my technical expertise to dynamic projects and collaborate with cross-functional teams in the ever-evolving field of software development.

EDUCATIONAL BACKGROUND

African Leadership University – Kigali, Rwanda

September 2022 – Present

BA. Software Engineering.

Relevant Coursework: Algorithms and Data Structures, Mobile Apps Development, Cybersecurity, Operating Systems, Version Control Systems, Networks and Distributed Systems, and Programming Methodologies.

African Leadership Program –Kigali, Rwanda

September 2022 – Present

Leadership Courses: Self-Leadership and Team Dynamics; Responsible Enterprise; Learning Processes & Reflective Thinking.

SheCanCode Training Program Cohort 10 - Kigali, Rwanda

January 2024 - Present

Currently attending SheCanCode Training Program in cohort10 of Web Development specifically in Back-end.

PROFESSIONAL WORK & PERSONAL EXPERIENCE

Software Developer | Remote

May 2023

- I Spearheaded the development of RiseFarmer360, a groundbreaking web application to support farmers in Sub-Saharan Africa.
 - ★ Implemented a robust weather risk mitigation feature using satellite technology: Developed a system for providing localized weather forecasts, empowering farmers with essential information for decision-making, and Integrated an alert mechanism to promptly notify farmers, enabling them to safeguard their crops in adverse weather conditions.

Software Developer | ALU/BSE Faculty – Kigali, Rwanda

October 2023 –November 2023

- I Led the initial development phase of a student project aimed at replicating the functionalities of the AirBnB website.
 - ★ I Collaborated with fellow team members to achieve a cohesive and functional initial stage of the AirBnB clone project.

Mobile App Developer | Personal Project

May 2023

- Designed and developed a user-friendly mobile app enabling seamless currency conversion.
- Designed a carbon footprint calculator that calculates carbon emissions based on user inputs such as daily commute distance, monthly electricity consumption, waste generated, and the number of meals per day. The emission factors are predefined for the country (e.g., Rwanda) and different categories (e.g., Transportation, Electricity, Diet, Waste).

EXTRACURRICULAR ACTIVITIES

Co-Founder, CareerSprint

May 2023 - Present

providing an intense career-building program to enable over 60+ undergraduate women to navigate obstacles in their transitions between careers successfully

Climate Leadership Mentorship Program

February 2023 - Present

I have been Coordinating with 12 team members to establish a mentorship program in Sub-Saharan Africa, pairing established leaders with emerging leaders to integrate environmentally sustainable practices into their roles.

SKILLS

TECHNICAL:

- **LANGUAGES**

- ★ JavaScript
- ★ Python
- ★ HTML & CSS

- **FRAMEWORKS**

- ★ Django(Python)
- ★ React
- ★ Express.js(Node.js)

- Distributed Version Control System (Git & Github)

SOFT: Communication, Teamwork Leadership, Time management, Adaptability and attention to detail.

- **MY CERTIFICATES**

- ★ [Python Certificate](#)
- ★ [CodSoft web Developme](#)

INTERESTS

- Software Architecture and Design
- artificial intelligence and machine learning
- Open Source Contribution

LANGUAGES

English-Expert

- French - Conversational

- Kiswahili - Native

