

**Anne Marie Twagirayezu**

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**SUMMARY**

Currently, an undergraduate student at the African Leadership University enrolled in Software Engineering, seeking a job or internship. Extremely resourceful with strong problem-solving skills, thrive working in challenging environments, and excellent communication skills.

**EDUCATION**

**AFRICAN LEADERSHIP Xcelerator**

Gasabo, Rwanda

- AI Career Essentials

Class of 2024

**AFRICAN LEADERSHIP UNIVERSITY**

Gasabo, Rwanda

- Bachelors in Software Engineering
- Honors: Mastercard Foundation Scholar: prestigious full scholarship awarded to students with outstanding leadership potential and commitment to promoting sustainable development within their communities

Class of 2023-2026

**FAWE GIRLS' SCHOOL**

Gasabo, Rwanda

- High School Certificate in Mathematics-Physics-Computer Science
- Scored a Perfect Score on National Examinations Score (73, AAA-S)

Class of 2020-2021

**PROJECTS**

**WASTE MANAGEMENT SYSTEM**

Gasabo, Rwanda

*Flask (Python)*

May 2024-June 2024

- Working on a waste management system to improve collection efficiency.
- Developing APIs for coordinating waste collection activities.

**ALUMNI UPDATE FORMAT**

Gasabo, Rwanda

*Node.js*

Jan 2024-April 2024

- Built a platform for alumni to receive updates and information.
- Implemented real-time communication features, user authentication.
- Data management functionalities to connect alumni with the university community.

**SMART IRRIGATION SYSTEM**

Nyarugenge, Rwanda

*Python*

Oct2023-Dec2023

- Developed the system to monitor soil moisture levels.
- Integrated sensors with microcontrollers, developed data processing algorithms
- Created a user interface for monitoring and control.

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**WORK EXPERIENCE**

**THINKGREEN AFRIKA**  
*Software Developer*

Gasabo, Rwanda  
Sept 2024-Dec 2024

- Designed dynamic web platform for entrepreneur collaboration.
- Built system supporting user registration and expert consultations.
- Collaborated with team members, to deliver impactful platform features.

**ACADEMIC BRIDGE**  
*Data science Intern*

Gasabo, Rwanda  
Aug 2022-March 2023

- Analyzed educational data to identify patterns that could help improve student performance.
- Built a predictive model to forecast student grades based on historical data.
- Collaborated with education team, provided data insights for teaching strategies.

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**VOLUNTEERING**

**NYAMIRAMBO WOMEN’S CENTER**  
*Instructor*

Nyarugenge, Rwanda  
July 2022-Jan 2023

- Taught 15 children English and computer
- Curated curriculum to meet every student needs
- Implemented strategies to ensure students success
- Created an inclusive and challenging learning environment

**NYAMAGABE COMMUNITY SERVICE**  
*Coordinator*

Nyamagabe, Rwanda  
Jan 2022-June 2022

- Led a team of fellow leaders to ensure good execution
- Managed to address housing and food insecurity in my community
- Worked with the community leaders to implement follow-up structures

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**AWARDS**

- Awarded Certificate for completing the AI Career Essentials program at ALX (2024)
  - Honored for successfully leading and managing the Unity and Reconciliation club, FAWE girls’ school (2021)
  - Awarded as the Best Academic Student, FAWE girls’ school (2020-2021)
  - Awarded Certificate for participating in the Future Skills and Coding Bootcamp (2019)
  - Awarded Certificate for completing the iDebate debating and public speaking training camp. (2018)
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## SKILLS & INTERESTS

- **Machine learning:** AI and Python
- **Tech Enabled STEM Teaching Program:** Robotics and Artificial Intelligence
- **Google workspace Tools:** Gmail, Google Sheets, Docs, slides, Calendar, and Forms
- **Languages:** English (Fluent), Kinyarwanda (Native)
- **Data collection and analysis:** Microsoft Word, Excel, PowerPoint
- **Interests:** Music, Sewing, Coding, Novels, Dancing, Basketball