

MUSABYIMANA Joseph

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EDUCATION

Agahozo-Shalom Youth Village, Advanced Level	Rwamagana, Rwanda
Combination: Mathematics, Physics and Computer Science	Expected Graduation: July 2026

LEADERSHIP & EXTRACURRICULAR EXPERIENCE

Jackal Tech Company Ltd	Kigali, Rwanda
Electronics Assistant & Software Developer	June 2022 – present

- Lead development and launching of automation and embedded electronics projects, enhancing circuit design and installation processes, resulting in a **40% improvement** in project completion time.
- Collaborate with cross-functional departments to brainstorm and refine project ideas, ensuring alignment with company objectives and market needs.
- Contribute creative insights to project planning and execution, fostering a culture of innovation within the company to maintain a competitive edge.

Isomo Academy, Bridge2Rwanda Program	Rwamagana, Rwanda
Scholar	July 2024 - present

- Cultivated social and personal development skills, committed to servant leadership and community empowerment through various programs and initiatives.
- Engages in broad collaborative discussions on global perspectives, enhancing critical thinking and communication.
- Actively participate in a comprehensive curated English course, utilizing digital resources to enhance 21st-century skills.

CMU Graphics Python Class, Carnegie Mellon University	Rwamagana, Rwanda
Active member	September 2022 – present

- Gained hands-on experience in CMU graphics programming using Python, enhancing programming capabilities and creativity.
- Delved into interactive weekly lessons and interactive end-unit creative projects aimed at exploring computational design concepts.

Agahozo-Shalom Student Government	Rwamagana, Rwanda
Junior Minister	July 2023 – July 2024

- Fostered a supportive and safe atmosphere for first-year (Enrichment year) students by leading mentorship programs and hosting 4+ Family visitations, enhancing overall student well-being and engagement.
- Upgraded communication and interaction amongst **125+ students** by executing different initiatives like special classes for English, boosting confidence and self-expression.
- Spearheaded academic and social development programs for 125+ village students, resulting in a **10% improvement** in test scores and a **20% increase** in extracurricular participation within one year.

ASYV Peer Mentorship Program	Rwamagana, Rwanda
Research and Development	January 2023 – present

- Conducted comprehensive research on mentorship impact, surveying 300+ students; enhancing student retention rates, resulting in an increase in overall academic satisfaction.

- Collaborated with the committee team to implement initiatives to enhance program effectiveness through research, implementing evidence-based strategies, and fostering diversity and inclusion for every student.
- Successfully assessed the program’s operation, its positive impact on students' development, academic outcomes, and overall program satisfaction.

Agahozo-Shalom, English Class
Vice-President

Rwamagana, Rwanda
April 2023 - July 2024

- Facilitated class activities and weekly sessions to enhance academic writing, public speaking, and various English language skills to **40+ students**.
- Organized and led weekly presentations, providing opportunities for 40+ students to practice expressing themselves in front of the school community (**520+ students & staff**).
- Propelled 40+ peers to develop confidence and proficiency in English communication through tailored exercises and weekly feedback sessions.

Agahozo-Shalom, Byte Builders
Co-founder

Rwamagana, Rwanda
January 2023 – present

- Lead facilitation with class coaches, thrice a week, to empower 16 students in learning programming languages including HTML5, CSS3, JavaScript, PHP, and Python.
- Spearheaded project development in the class focusing on uprooting the community, enabling the application of acquired knowledge to address community challenges around us.

Model UN, Critical Thinking for Peace, Agahozo Shalom
Active member & Delegate

Rwamagana, Rwanda
September 2022 – Present

- Conduct in-depth research on global complex issues, draft position papers, and collaboratively develop, discuss, and propose resolutions with fellow delegates to address these barricades.
- Represent countries in different committees, delivering impactful speeches, and negotiating solutions to tackle global issues with actionable approaches.

ASYV Liquidnet Magazine
Magazine Editor

Rwamagana, Rwanda
September 2022 – June 2024

- Synergized with team members to curate vibrant content highlighting students’ written pieces, ensuring publication in a termly school magazine distributed to 510+ students and external audiences.

SKILLS

Languages: Kinyarwanda (native), English (proficiency), Swahili (beginner), French (beginner)
Interests: Computer programming, AI & Robotics, Business and Entrepreneurship, Digital art, Leadership, Project management, Academic writing.
Skills: Leadership, Project management, Communication, Computer programming, Research and development, Public speaking, Photography, Acting, Financial Literacy
Non-school awards:

- **First Place – Money Makeover Challenge, Rwanda** | iDebate Rwanda & Bank of Kigali.
- Awarded certificate for creating “**School Clubs Management System**” during the STEM exhibition, contributing to improving school-wide management.
- **Recognized for creating an automatic bell system at school**, which automates class time management and improves efficiency for over 500 students and staff.