

EMILE NDAYISHIMIYE

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AC #1591 Keefe Campus Center, Amherst College, Amherst MA 01002

EDUCATION

Amherst College, Amherst, MA | Bachelor of Arts,
Prospective major: Computer Science and Mathematics double major

Expected May 2028

EXPERIENCE

Computer Science Department, Amherst College, MA

Feb 2025

Teaching Assistant

- Provided students with technical support during labs
- Explained Lab Projects to help students understand them better

Ideas 2 Innovation, Amherst College, MA

Dec 2024

Software Developer

- Collaborated with a team of developers employing agile methodologies to develop products

STEM Inspires, Kigali, Rwanda

Nov. 2023 – Aug. 2024

Trainer, Judge & Referee Intern

- Judged Rwanda's National FIRST LEGO League competition and refereed semi-finals, ensuring adherence to competition standards and promoting STEM learning.
- Completed LEGO Robotics Trainers training, enhancing my ability to teach students basic robotics concepts, SPIKE PRIME, and fostering their analytical problem-solving.

Urugerero National Service, Kigali, Rwanda

Oct. 2023 – Jan. 2024

ICT literacy volunteer

- Initiated and coordinated weekly ICT literacy workshops, educating over 100 Rwandan youth on e-government service, online job applications, Google Workspace, and other underutilized technologies, improving digital literacy in my home village.

Rwamagana Leaders' School, Rwamagana, Rwanda

May. 2022 – July. 2023

Web developer & ICT Club-co-founder

- Co-developed the school's first website back-end and front-end with Bootstrap, Javascript, PHP, and MySQL, improving school visibility and attracting more students.
- Co-founded Programming and ICT Club, training middle school students in basic HTML/CSS coding and Canva Design, fostering their interest in computer science.

SKILLS & INTERESTS

- **Programming Languages:** Java, C++, JavaScript, PHP, MySQL, HTML/CSS, Google App Script, Python
- Interested in Bike Riding, Solving Puzzles, Checkers Board Game, Gospel Music, Guitar, and Political News