

KATIA GWANEZA NKURUNZIZA

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EDUCATION

Minerva University (#1 Most Selective University in the United States)

San Francisco, CA

Bachelor of Science in Computational Sciences

Aug 2023 – May 2027

- Relevant Coursework: Formal Logic, Probability and Statistics, Algorithms and Simulations.
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EXPERIENCE

Bridge2Rwanda- Isomo Academy

Kigali, Rwanda

Recruitment and Academic Fellow

Apr. 2023 – Aug. 2023

- Designed unique curriculum to accommodate 8 students who travelled during Isomo Academy English-intensive bootcamp, and ensured timely completion of 3 planned modules, leveling ground with .
- Conducted extensive research on student background by contacting schools and cross referencing to prevent any falsified information, securing application authenticity at 100%.
- Compiled daily reports comprising application review progress to Head of the Recruitment Department, and achieved 400 reviews per day which led to timely processing of applications.
- Used Python and R to parse through 3000 applications data set, verifying even representation of gender, region, and schools, reducing analysis time by 40%.
- Served as panel assistant and crafted student profiles for 300+ interviewees.

My ID Website

Kigali, Rwanda

Project Coordinator and Programmer

Dec. 2019 – Jan. 2020

- Developed a website using HTML, CSS, Javascript, and MySQL that aimed to reduce ageism injustice and eliminate the 1-2 months delay in ID provision by digitizing the National ID application process.
- Collaborated with a diverse team of 5, ensuring a user-centric design through iterative design thinking.
- Spearheaded the strategic planning and hands-on execution of a website project, resulting in impeccable adherence to deadlines. Implemented a daily goal-oriented approach, delivering exceptional results and fostering a culture of accountability and punctuality.

Makerspace

Kigali, Rwanda

Co-Founder

Dec. 2019 – May 2022

- Introduced a science hub in Maranyundo Girls School for students to explore STEM concepts through hands-on learning like liquid detergent production and agricultural greenhouse construction among others.
 - Mentored students to design, build and program autonomous robots to complete a set of missions on a civil construction-themed playing field using LEGO kits and participated in and won country-level competition.
 - Facilitated liquid detergent production and agricultural greenhouse construction.
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PROJECTS

Google

San Francisco, CA

Student Consultant

Sep. 2023 - Present

- Collaborating with a team of 5 International students to construct a project deliverable to help GenZ better understand their financial health.
 - Acting as the lead developer in HTML, CSS, and Javascript for a financial literacy software creation under the mentorship of partners at Google as co-curricular problem-solving projects.
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SKILLS AND INTERESTS

- **Technical Skills:** Proficient in Python, C++, Java, Javascript, CSS, HTML, MySQL, R.
- **Languages:** English (Fluent), Kinyarwanda (Native), French (Fluent), Kirundi (Fluent), Kiswahili (Basic).
- **Personal Interests:** Participating in technical events like the Generation Connect Global Youth Summit to voice my views on the impact of digital divide on underrepresented groups; participating in Hackathons; reading books about worldviews; learning Mandarin.