

TECHBRIDGE

● INCREASING DIGITAL LITERACY IN BURUNDI

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TechBridge

PROBLEM STATEMENT

The Urgent Need for Digital Literacy in Burundi

- **Limited Access to Opportunities:** Burundian youth's digital literacy gap restricts their access to modern career opportunities and skills necessary for the future job market.
- Burundian schools only prioritize traditional career paths, which leaves students unprepared for a tech-driven economy and limits their prospects and contributions to society.



IMAGE SOURCE: D+C

GLORIA'S JOURNEY



Meet Gloria, a Grade 12 student in Burundi. Despite her intelligence and enthusiasm for technology, her school lacks the resources and training to teach digital skills effectively.

Like many children in our community, Gloria dreams^d of a brighter future, yet she is unaware of technology's vast opportunities. She often hears about traditional careers, like becoming a doctor or a lawyer, but doesn't know about the tech-driven world that awaits her.

By promoting digital literacy, I aim to empower Gloria and countless other children like her to embrace the skills necessary for success in our rapidly changing world



IMAGE SOURCE: IPPF

THE IMPORTANCE OF DIGITAL LITERACY



IMAGE SOURCE: Dr Jasmibe Cowin

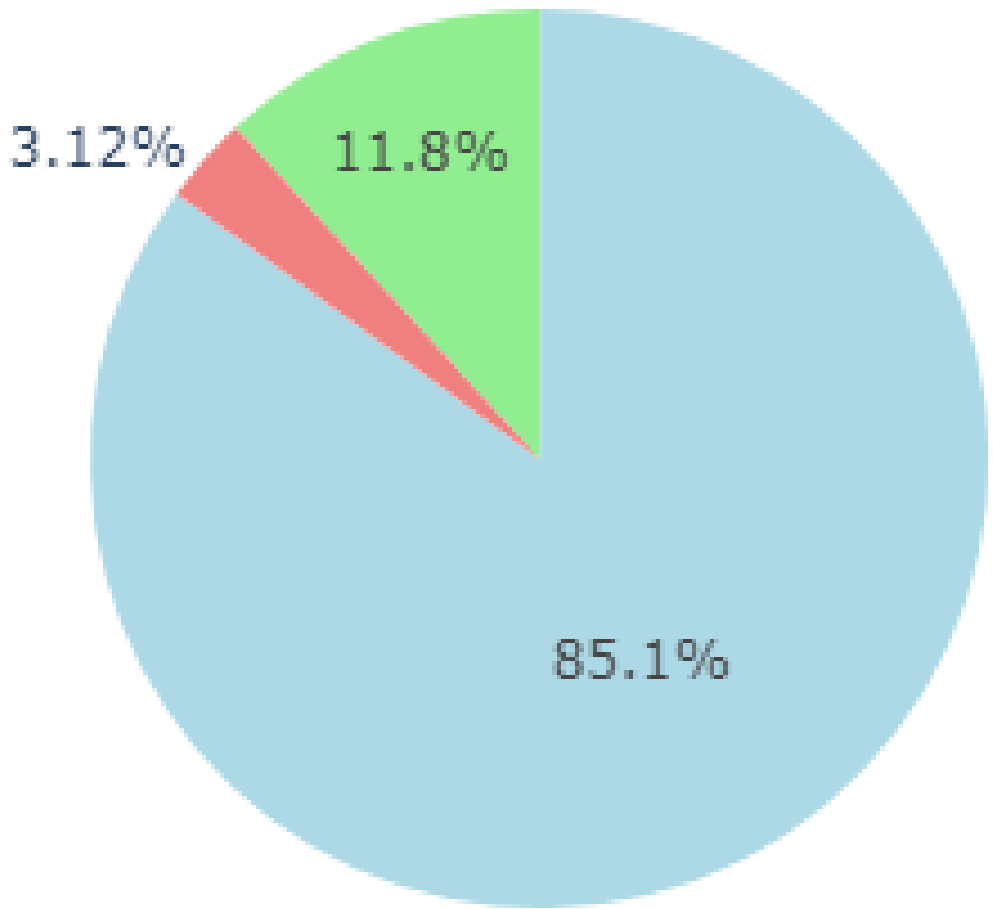
Why Digital Literacy is Crucial

- **Key to Opportunities:** Digital skills are vital for accessing information, enhancing learning experiences, and securing employment in today's technology-driven world.
- **Empowering Youth:** Bridging the digital divide empowers young people, promoting creativity, innovation, and economic growth in Burundi, ultimately enabling them to thrive in a global economy.

FACTUAL INFORMATION

Burundi's Employment Distribution(2022)

- Employment in agriculture
- Employment in services
- Employment in industry



39%

Fact #1: A child born in Burundi is estimated to reach to just 39% of its full potential.
(Source: UNESCO)

85.1%

Fact #2: Over 80% of Burundi's workforce is employed in agriculture, leaving limited opportunities for youth to explore higher-paying careers in technology and other modern sectors. Bridging the digital skills gap is essential for diversifying employment and driving economic growth. (Source: World Bank)



My objective is to establish a **French-language program** that also fosters English language skills, ensuring technology is accessible to all students.

Inspired by the ALX initiative, I envision a project called " **TechBridge Burundi**.

At TechBridge Burundi, we believe that by empowering the next generation with digital literacy, we can transform not just individual lives, but entire communities, creating a brighter future for Burundi.

MISSION

TechBridge Burundi aims to bridge the digital gap by providing young learners with essential technology skills through an innovative, bilingual (French and English) curriculum. Our mission is to ensure that every student in Burundi, regardless of their background, can access and thrive in a technology-driven world.

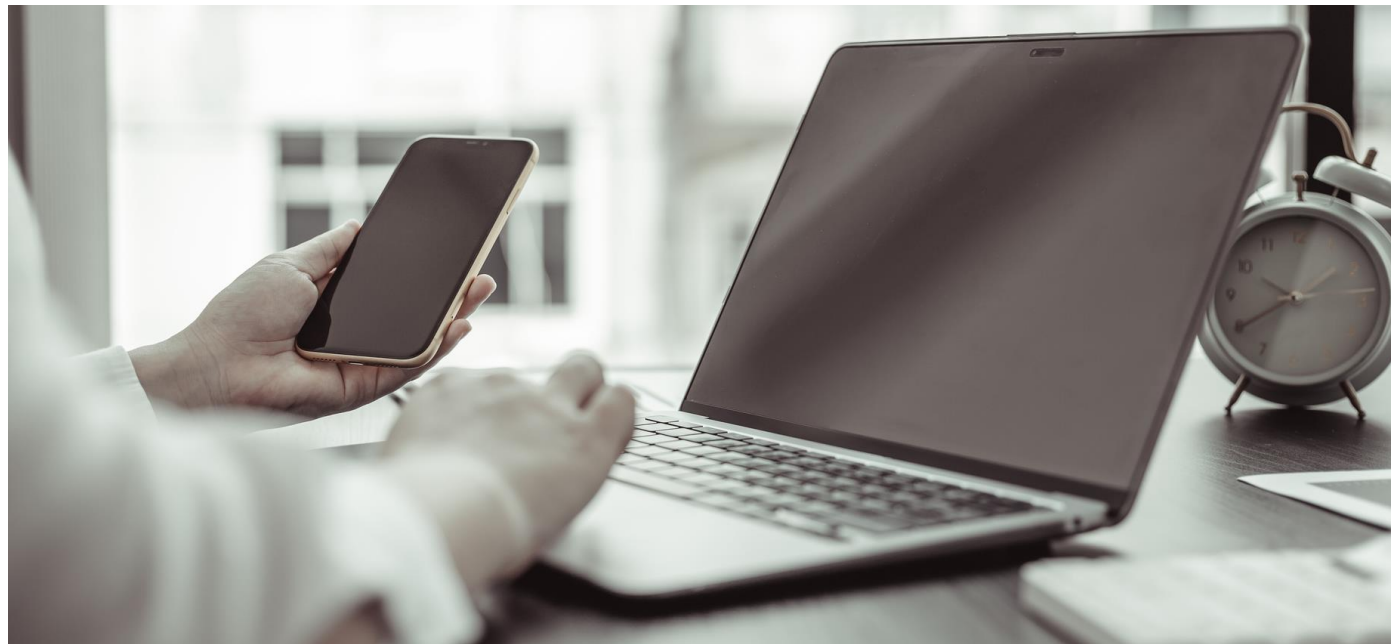
VISION

we envision a future where Burundian youth lead innovation and drive economic growth through their mastery of digital tools and technology, contributing to the nation's progress and prosperity.



PERSONAL SKILL SET

IMPORTANT SKILLS TO ACHIEVE
TECHBRIDGE BURUNDI



01 Skills I Bring to the Table

- **Growth mindset:** Adapting and learning continuously.
- **Leadership skills:** Inspiring and guiding others.
- **Communication skills:** Effectively conveying ideas.
- **Problem-solving skills:** Tackling challenges creatively.
- **Passion for change:** Dedicated to improving my community.

02 Skills to Gain Through the Scholarship

- **Advanced project management skills:** To implement and scale educational programs.
- **Curriculum development expertise:** Crafting engaging and effective learning materials.
- **Networking abilities:** Building connections with tech organizations and educators.
- **Advanced-Data science** Assessing program effectiveness and making data-driven decisions.

YEAR GOALS

PART 1



2-Year Goal

- Graduate from my Master's in Data Science at UBC and initiate the pilot phase of TechBridge Burundi, a digital literacy program in 10 low-income schools.
- Target a 30% increase in digital literacy among participating students through the distribution of learning materials, tools, and teacher workshops.

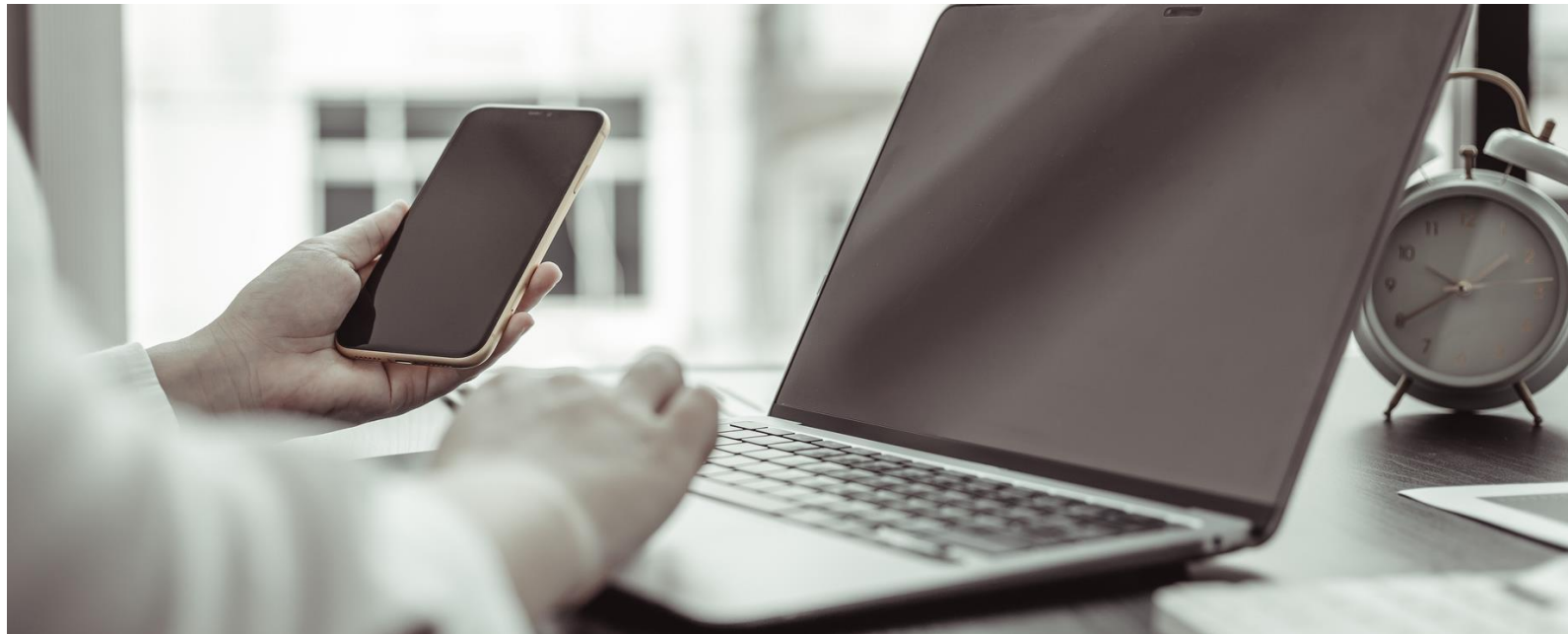


5-Year Goal

- Train 500 teachers in digital literacy and modern pedagogical methods, aiming for a 20% improvement in students' tech skills and digital proficiency.
- Partner with global organizations like Google, IBM, and the Mastercard Foundation to sponsor 1,000 students in tech-focused courses, with a focus on empowering women and marginalized youth.

YEAR GOALS

PART 2



10-Year Goal

- Expand TechBridge Burundi to 50 schools nationwide and introduce TechBridge University, the first university in Burundi dedicated to digital skills, entrepreneurship, and technology innovation.
- Achieve a 50% increase in the number of digitally literate youth, equipping them with the skills necessary for employment in the digital economy and bridging the gap in career readiness.



20-Year Goal

- Build TechBridge Academies and Universities across Burundi and parts of East Africa, establishing the region's premier educational institutions with the best curriculum integrating technology, data science, AI, and business skills.
- Ensure 95% of Burundian youth are proficient in digital skills, with a direct impact on increased employment, innovation, and sustained economic growth in the region.

HOW WE WILL ACHIEVE THIS

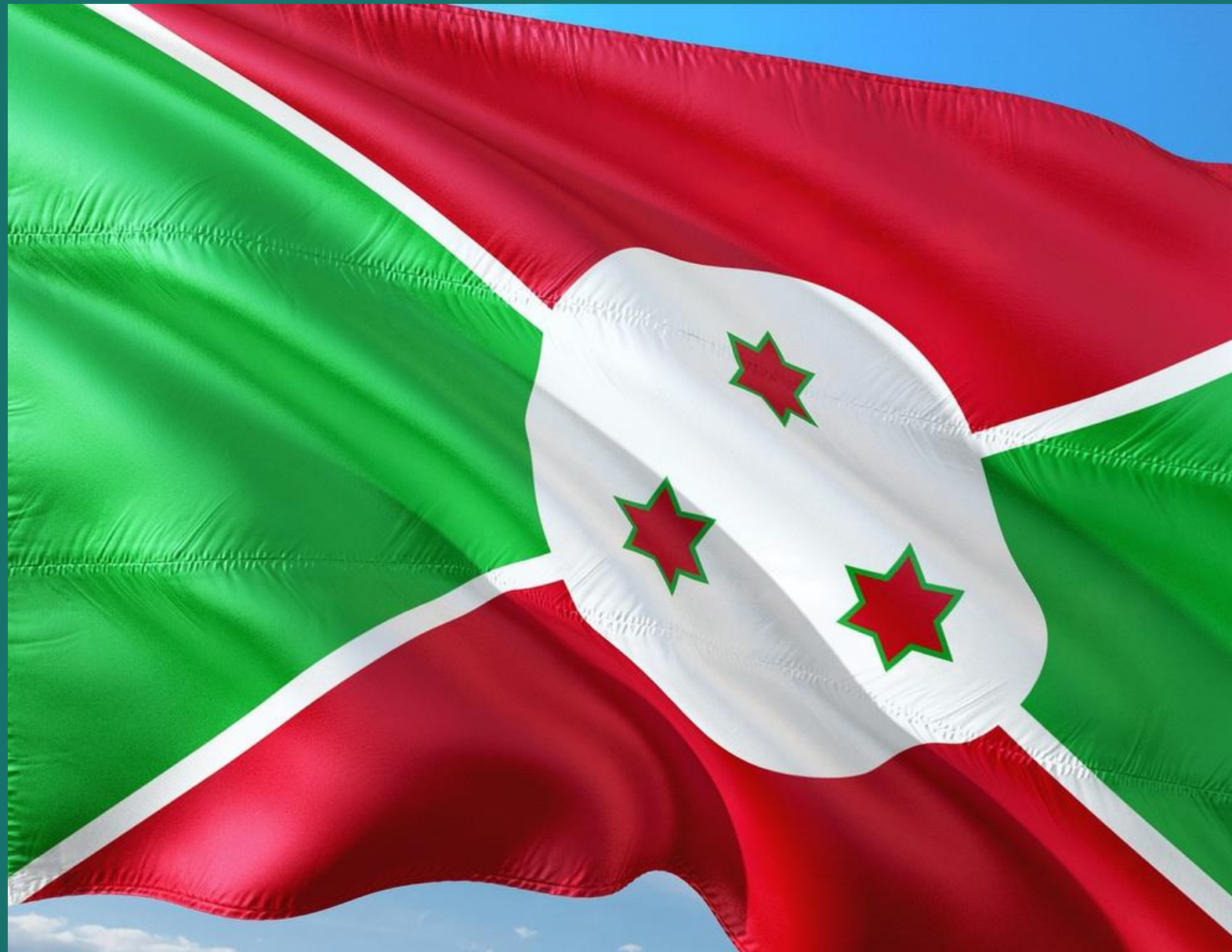
Our Strategic Approach to Digital Literacy



- **Master's Graduation Milestone:** Upon graduating with a Master's in Data Science from UBC, I will leverage this knowledge to launch TechBridge Burundi.
- **Engaging Curriculum Development:** Create a curriculum that makes technology accessible and exciting, integrating coding, AI, and data science.
- **Empowering Educators:** Provide training and resources for teachers, equipping them to teach digital skills effectively.
- **Strategic Partnerships:** Collaborate with tech leaders like Google and NGOs for resources and expertise, supporting a sustainable program.
- **Inclusive Focus:** Prioritize outreach to marginalized groups, especially young women, to ensure equal opportunities in digital literacy.

VISION FOR THE FUTURE

EMPOWERING BURUNDI'S NEXT GENERATION



Our Vision for Burundi

- **Access for All:** Bridging the digital divide by reaching over 100,000 students in under-resourced areas within the next 10 years.
- **Championing Inclusivity:** Prioritizing marginalized groups, ensuring 50% of our participants are young women and underserved youth.
- **Developing Local Talent:** Partnering with educators, global tech leaders, and organizations to build long-term skills in teachers and students.

The Goal

A digitally equipped generation ready to innovate, lead, and uplift Burundi, creating a tech-savvy society that drives sustainable economic growth and brighter futures for all.

CONCLUSION

Join Me in Empowering Burundi

Together, We Can Create Lasting Change

- The Mastercard Foundation Scholarship is more than an opportunity—it's the start of a journey to bridge the digital divide in Burundi.
- With your support, I can gain the skills needed to make TechBridge Burundi a reality, providing critical digital education and transforming lives.
- By investing in me, you're investing in an entire generation that will shape a brighter, more inclusive future for Burundi and beyond.

Join me in creating lasting impact and transforming Burundi's digital landscape.

THANK YOU

● FOR YOUR NICE ATTENTION

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