# Alain IREBE GASHUMBA

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## EDUCATION

**Liquidnet Family High School @ Agahozo-Shalom Youth Village—Rwamagana, Rwanda**, **July 2025**

- **Majors**: Mathematics, Physics, Computer Science, Entrepreneurship
- **Minors**: Kinyarwanda, English, and General Studies and Communication Skills (GSCS).
- **Cumulative GPA**: 3.74/4.00

## RELEVANT COURSEWORK

**Math:** Algebra, Trigonometry, Calculus, Statistics, Geometry, Complex Numbers, Differential Equations, and Probability.
**Computer Science:** Algorithm, Database, Java, C++ Programming, Visual Basic, and Computer Systems and Web Design.
**Entrepreneurship:** Accounting, Investment and Business Plan, Strategic Management, Banking and Finance, Public Relations, and International Trade.
**Physics:** Astrophysics, Quantum Mechanics, Electromagnetic Theory, Optics, Thermodynamics, Nuclear Physics, Acoustics, and Relativity.

## EDUCATIONAL ENROLLMENT

**Isomo Circles @ Bridge2Rwanda, English Immersion Program—Kigali, Rwanda July 2023–July 2025**

- **Relevant Courses:** Young Earth vs Old Earth Theories, Critical Reading, Perspectives, Innovative Thinking, Career Exploration, Literature, Climate Economy, Public Speaking, Community Service and Discipleship.

**Washington University in St. Louis, Dual Enrollment—Missouri, USA May 2024–July 2024**

- **Relevant Courses**: Introduction to Environmental Science (Energy Saving, Water Conflict, Ocean Acidification, Agriculture and Pesticide Spraying, World Climate Change, Risk Prevention, and Biome Conservation) and Personal Narrative (Writing).

**Georgetown University-Qatar, Global Challengers Program—Doha, Qatar May 2024**

- **Relevant Course**: Social Entrepreneurship (Starting a New Business, NGO, and Program; Effective Management; Business Model Canvas; and Fundraising)

## RESEARCH & INTERNSHIP EXPERIENCE

**Growth Wave | *Trainee* | Rwamagana, Kigali March 2025 – July 2025**

- Revamped the school's election system, designed the pharmacy management system, and helped in the teaching of system research and analysis of user flows.

**Africlouds | *Intern* | Kigali, Rwanda July 2024 – September 2024**

- Developed the company's website; designed the B&B radio station's web app; helped in the conduction of system research and analysis of user flows.

**Academic Bridge | *Intern* | Kigali, Rwanda July 2023 – September 2024**

- Designed and developed several prototypes for the company and KudiBooks company as their primary customer. I also designed an election school system for my school.

## WORK & LEADERSHIP EXPERIENCE

**Byte Builders | *Founder* | Rwamagana**, **Rwanda May 2023 – Present**

- Taught HTML & CSS, JS and PHP; organized and coordinated the ASYV Hackathon; and organized an exchange program with Rwanda Coding Academy.

**Career Connect Hub—Rwanda | *Lead Programmer* | Kigali, Rwanda June 2025 – Present**

- Designed an online writing competition app; developed a web app that connected 30+ students with mentors; raised 10 million FRW to start in the STARTQuick ventures.

**ASYV Peer Mentorship Program | *Advisor* | Rwamagana, Rwanda July 2023 – July 2024**

● Collaborated with the School Career Resources Center to organize workshops, career fairs, and student leader summits; designed a mentorship handbook; assigned mentors and mentees; and provided weekly topics for bilateral discussion.

**Pay It Forward |** *Secretary* **| Rwamagana, Rwanda September 2022 – July 2023**

● Invited renowned speakers to speak to the community in the Lead Series; organized charity projects to help vulnerable families with basic materials and health insurance ( Mutuelle de santé) outside the school.

**ASYV Student Government 2024-2025 |** *Minister of Gender & Family Promotion* **| Rwamagana, Rwanda July 2023 – July 2024**

● Founded the Family Visitation, ASYV Talk, and Debate Competition programs about gender equality; spearheaded tech-savvy education; advocated for students in implementations of the school policies and programs; and held town hall meetings.

**Jackal Tech Company Ltd |** *Active Member* **| Kigali, Rwanda January 2023 – Present**

● Campaigned for the concept of using telescopes; designed a coin-counting machine; organized and coordinated Jackal Programmers Days, Electronics and 3D Designing; pitched projects at STEM Days and graduations; and chaired the admission process for recruitment of new volunteers.

## HONORS & AWARDS

**Provincial Wavumbuzi Entrepreneurial Challenge, Rwanda March 2023**

● Wrote and presented essays providing sustainable solutions to poverty, earned many points in tests, and ranked as 2nd runner-up.

**ASYV STEM Day 2024**, Liquidnet Family High School, **February 2024**

● The pitched automobile cane directing blinds was selected by 20+ teachers and 100+ students as the winner of the Best 2024 STEAM Project Exhibition.

**Awarded the Immense Scholarship,** Immense Essay Competition, United Kingdom, **September 2022**

● Selected in the Immense Essay Competition as a finalist and was awarded a scholarship amounting to 200 euros.

**Awarded the Agahozo-Shalom Youth Village Four-Year Scholarship in August 2021**

## SKILLS

**Languages:** English (Advanced), Kinyarwanda (Advanced), Kirundi (Native), Kiswahili (Conversational).

**Interests/Essential Skills:** Leadership, Software Engineering, System Analysis and Userflow Designs, Reading Books and Articles, and Learning New Technologies.

**Computer Skills:** Intermediate (MS Word, Excel, PowerPoint, C++, Database, VB, Flutter, and Java); Advanced (HTML, CSS, CMU Python, React JS, Node JS, Express JS and Figma)

**References:**

**1.** Stella Wayianzuvuko, Liquidnet Family High School Principal, stella@asyv.org

**2.** Kaboyo Julius, Dean of Students @ Liquidnet Family High School, julius@asyv.org