KATIA GWANEZA NKURUNZIZA

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https://portfolio-katia.vercel.app/

EDUCATION

Minerva University   **Graduation: April 2027 - GPA: 3.65**
San Francisco, CA

- **Relevant Coursework:** Single and Multivariable Calculus, Probability& Statistics, Algorithms and Data Structures.
- Majoring in **Computer Science and Statistics** · Minoring in **Cognition, Brain, and Behavior**.

SKILLS

- **Programming Languages:** Python, Java, C++, JavaScript, SQL, Flutter.
- **Tools & Platforms:** React Native, Figma, Git, HTML, CSS, Zepp API, Open AI API.
- **Certifications:** CodePath Technical Interview Prep, Codesignal Course Certificates in Mastering Algorithms and Data Structures in Python.

PROJECTS

Caffeine Intake Smartwatch Advisor   **[GitHub](#)| [View Project](#)**

- Designed smartwatch UI/UX features to monitor and advise caffeine intake amounts using **Figma**.
- Developed an ML model to tailor caffeine intake advice to individual metabolism and real-time data using **Mindsdb** fine-tuning, improving caffeine intake recommendations by 30%.
- Won Best Use of **Zepp Health Smartwatch** Award at **CalHacks** 2023

AI Flashcards   **[GitHub](#)| [View Project](#)**

- Built a flashcard generator in collaboration with 4 teammates using **Next.js** and **Open AI API** that curates learning materials about a topic provided by the user making learning 30% more efficient.
- Integrated **Stripe** for payment processing and user management via **Clerk**.

EXPERIENCE

Wealthwise (Google x Minerva University) - in Progress   **San Francisco, CA**
Student Consultant and Developer   *Sept. 2023 – Present*

- Collaborating with Google engineers to develop a **Flutter** mobile app aimed at improving financial literacy for underserved communities, leveraging AI to provide tailored financial advice based on individual user behavior.
- Implemented a quiz feature that personalizes financial advice based on user responses, enhancing user engagement by 25%.
- Designed the app's UX to simplify financial education concepts like budgeting, credit, and investing.

UL Solutions   **Fremont, CA**
SAR Engineering Intern   *May. 2024 – August 2024*

- Tested 4 phone projects and variants for Specific Absorption Rate (SAR) in a fast-paced environment achieving 100% conformity to human safety standards set by ISO.

Bridge2Rwanda- Isomo Academy   **Kigali, Rwanda**
Recruitment and Academic Fellow   *Apr. 2023 – Aug. 2023*

- Mentored high school students in navigating financial aid and scholarship opportunities.
- Leveraged **Python** and **R** to parse through 3000 application datasets, verifying even representation of gender, region, and schools, reducing analysis time by 40%.

LEADERSHIP AND AFFILIATIONS

- **CodePath** Alum- Tech Interview Prep Course 2024 & **Emerging Engineers Summit** Attendant.
- **Inside HRT** 2024 Participant.
- **RSM** Excellence Academy 2024 Scholar.
- **AI4ALL** Ignite Fellow.
- **Code2040** Fellow - **Colorstack** Fellow - **RTC** Fellow - **BBM** Fellow.
- Work Study Class Representative for the Class of 2027