

Moise Gasana

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EDUCATION

Brown University, B.Sc. Computer Science 3.8/4.0 GPA Providence, RI | May 2026

- Relevant Courses: Deep Learning (CSCI 1470), Computational Linguistics (CSCI 1460), Machine Learning (DATA 2060), Large Language Models & Gen AI (DATA 1080), Reintegrating AI (CSCI 2951X), Scientific Programming in C++ (ENGN 2912B), Computer Systems (CSCI 0330), Data Structures & Algorithms (CSCI 0200)

Agahozo Shalom Youth Village 4.00/4.00 GPA Rwamagana, Rwanda | Nov 2019

- Concentration: Mathematics, Physics, Computer Science (C++, Java, Visual Basic, SQL)

STARTUPS & PROJECTS

UAPPLY (uapply.africa), Co-Founder & Lead Engineer Providence, RI | Jan 2025 - Present

- Built Africa's first centralized university application platform (React + TypeScript + Firebase)
- Shipped full-stack infrastructure with CI/CD pipelines, auth, and multi-user dashboards for students, admissions officers, and administrators

HeyGAMO (heygamo.com), Founder & Lead Engineer Providence, RI | Jan 2026 - Present

- Built a WhatsApp AI assistant helping immigrants understand bills, healthcare, rights, and language in their native tongue (Spanish, Portuguese, Swahili, English, and more)
- Stack: Next.js 14, TypeScript, Tailwind CSS, Stripe, AWS

EXPERIENCE

We Fix It (wefixitri.com), Full-stack Engineer Providence, RI | Feb 2026

- Built and maintain business website with React, TypeScript, AWS

Johns Hopkins University Center for Talented Youth, Robotics Instructor Assistant Bristol, RI | Jun 2024 - Aug 2024

- Taught programming classes as requested by the instructor, managed late-afternoon and evening sessions
- Set up demonstrations, supervised, and cleaned up after laboratory sessions where students built and programmed robotics

Brown University IT, IT Support / Student Technology Assistant Providence, RI | Jan 2022 - May 2023

- Resolved 25–40 tickets/week (accounts, device setup, VPN/printing/classroom AV)
- Performed Windows/macOS imaging & software installs; wrote quick standard operating procedures and knowledge-base notes

Initialview, Software & Digital Design Intern Beijing, China | Jul 2021 - Aug 2021

- Collaborated with an international team of interns to develop a time-tracking app using React
- Assumed a leadership role, supervising five interns responsible for designing captivating social media posts

Westerwelle Startup Haus Kigali, Operations Department Intern Kigali, Rwanda | Dec 2019 - Mar 2020

- Efficiently managed client accounts using Nexodus software in a dynamic coworking space environment
- Demonstrated responsibility by ensuring the proper maintenance of Virtual Reality equipment in Westerwelle's Makerspace

RESEARCH

Simulating Child Language Acquisition with AI to Preserve Under-Represented Languages, Independent Project (2023)

- Initiated a summer independent research project in 2022 under the guidance of Prof. George Konidaris
- Focused on simulating Child Language Acquisition and developing a cutting-edge language learning application with LLMs

Planning with Large Language Models via Corrective Re-prompting, Undergraduate Research Assistant (2022)

- Collaborated on research led by Brown University Ph.D. student Ifrah Idress and Prof. Stephanie Tellex
- Reviewed and critically assessed research papers and datasets; adapted relevant codebases for experimental evaluation

AWARDS AND HONORS

- Brown Venture Prize 2025 Finalist
- Karen T. Romer UTRA Award 2023
- Rwanda National Science Fair Competition
- Student Government President, ASYV — led historic election of first female president-elect

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, C++, SQL

Frameworks: React, Next.js, Node.js, Firebase, PyTorch, LangChain, Tailwind CSS, Framer

Motion Tools: AWS (Amplify, Cognito, DynamoDB, S3, Lambda), Docker, Git, Pinecone, Stripe

Concepts: AI Agents, LLM Fine-tuning, RAG, Full-stack Development, CI/CD