


# FLAMBEAU IRIHO

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## EDUCATION

### Minerva University

Bachelors of Science

San Francisco, CA

Class of 2026

- Computer Science and Artificial Intelligence Major, Business Minor
- Relevant Courses: Data Structures and Algorithms (CS110) and Software Engineering (CS162)

## EXPERIENCE

### Test Engineer Intern

UL Solutions

Fremont, CA

May – Aug 2023, May 2024 - Present

- Operated DASY robot to analyze specific absorption rate (SAR) values and RF heat maps of wireless signals to help uphold FCC requirements for a variety of wireless devices and models.
- Worked on Python scripts to configure antennas of wireless devices to transmit at various frequencies and bands.

### Product Manager Intern

Vibemap

San Francisco, CA

Sep 2022 – Apr. 2023

- Designed and built a “Budget Calculator” to provide more targeted recommendations, especially for financially unprivileged users.

### Computer Science Teaching Assistant

Agahozo Shalom Youth Village

Rwamagana, Rwanda

Jan 2020 – Sep 2021

- Taught CMU CS Academy, a Python course provided by Carnegie Mellon University to students in grades 9-12.

### Software Engineer

Envision Media Arts Collective

Kigali, Rwanda

May – Oct 2020

- Improved Envision Rwanda's website (envisionrwanda.com) with custom HTML, CSS, and Javascript to boost user experience.

## PERSONAL PROJECTS

- [Dreamify](#): Built a bedtime story-generating web application using GenAI. Codebase: Flask (Python), React.js.
- [Cafe App](#): Built a mobile app to send and receive coffee orders. Codebase: Flutter (Dart), Firestore/Firebase.
- [Image generator](#): Built a web app using OpenAI's API to generate images given a descriptive prompt. Codebase: Flask (Python).
- [Chrome Runner](#): Created a visually appealing version of Google Chrome Runner. Codebase: Pygame (Python).
- [To-Do List](#): Built a web app that allows the creation of hierarchical to-do lists. Codebase: React.js, Flask (Python).

## ACCOMPLISHMENTS

- Completed Google's Machine Learning crash course using TensorFlow May 2024
- Attending CodePath's Advanced Tech Interview Prep Jun - Aug 2024

## SKILLS

- Programming languages: Python, SQL, HTML, Javascript, CSS, Dart.
- Technologies: React.js, Flutter, Flask, Pygame, Firebase, REST APIs, Git, Docker.

## ORGANIZATIONS

- **ColorStack**: member of an organization of black and Latinx students in computer science in the United States.