

Maminiaina Ravaloarison

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Seeking for internship as a CIS student and **7x Hackathon Winner**

EDUCATION

Monroe College

New York, New Rochelle

Bachelor of Science in Computer Information System

(September 2021 - Expected June 2025)

with a Minor in Math and Honors Program [GPA: 3.7/4.0]

PROJECTS

Hackathons | [Devpost profile link](#)

(January 2024 - Present)

Rutgers University, Penn State University, Harvard University, University of Pennsylvania, Stony Brook University, Rochester University and more.

Flappy x ML | *Mediapipe, Face Detection, Game Development*

(July 2024)

Flappy Bird but using face detection to control the bird.

- Plug Mediapipe Face detection into the game
- Map the bird's position on the game canvas to the user's face position on the video

Smart dictionary | *Javascript, Chrome extension API, Gemini API, Flask, Python*

(April 2024)

A Chrome extension that explains any highlighted text based on its context within the webpage, offering clear, relevant insights for better understanding.

- Build a Chrome extension
- Integrate Gemini into a Python Flask app

Pollen web app | *Pollen API, Google Maps API, Firebase Authentication, Next.js*

(January 2024)

Display information about pollen-producing plants in a user-specified location.

- Deploy a NextJs app using amplify
- Use Firebase authentication
- Understand Google API's documentation (Pollen API, Places Autocomplete ...)

SKILLS

Language: Malagasy, French, English

Programming: Python, Typescript, Database, Swift

Technologies: Google Cloud, Firebase, Mediapipe, TensorFlow

Concepts: Object Oriented Programming, Software Development, Artificial Intelligence, Machine Learning

EXPERIENCE

Information technology tutor

Monroe College, New York, Bronx

Provide students with support in various Computer Science and IT courses.

(February 2023 – Present)

Resident Assistant

Monroe College, New York, New Rochelle

Resolve conflicts, keep accurate records of incidents, provide

(September 2022 – December 2023)

residents with support and advice on personal and academic matters.