

Mami Ravaloorison

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EDUCATION

Monroe University

Bachelor of Science in Computer Information Systems, Magna Cum Laude

Minor: Mathematics

Sep 2021 - Jun 2025

GPA: 3.75/4.0

EXPERIENCE

Monroe University

July 2025 - Present

Business Intelligence Analyst

New Rochelle, NY

- Recreating and optimizing 100+ dashboards on Power BI using existing reports to ensure consistency, accuracy and improved usability

Monroe University

Feb 2023 - Apr 2025

Information Technology Tutor

Bronx, NY

- Tutored students in Excel, databases, and programming across multiple levels, from freshman to senior, by explaining complex technical concepts in clear, accessible ways.
- Assisted alumni with real-world IT issues, including website setup (e-commerce) and troubleshooting technical problems.

New Rochelle Council of Community Services

Apr 2023 – Oct 2023

Software Developer Intern

New Rochelle, NY

- Collaborated with a team of three interns to redesign and update the nonprofit website, by combining CMS-based updates with a hand-coded Next.js (TypeScript) and Tailwind CSS version.
- Accomplished an accurate implementation of Figma wireframes, by coding the designs into functional interfaces and recreating them using WordPress plugins and themes.

PROJECTS

Discover Nature | Swift, iNaturalist API, Firebase, Python

[Read more](#)

- Built an educational platform combining real-time biodiversity data with gamified learning to make ecological discovery accessible to non-experts.

Green | Swift, SwiftUI, Xcode, MapKit, Git/GitHub

[Hackathon link](#)

- Developed a Swift/SwiftUI app to reduce traffic emissions by recommending routes with minimal stops.
- Awarded Best Sustainability Hack at Rensselaer Polytechnic Institute Hackathon during Hack RPI 2024.

LEADERSHIP AND AWARDS

Hackathon Competitions

[Devpost link](#)

- Competed in 16 hackathons across the U.S. (Yale, Princeton, Stony Brook, RPI, Penn State), winning 12 times, including Best in Show and Best Sustainability Hack; earned ~\$4,000 in prizes.

Resident Assistant at Monroe University Residence Life

Aug 2022 – Dec 2023

- Supervised and supported over 50 dorm rooms by addressing maintenance issues and roommate conflicts.
- Improved communication and leadership skills, measured by successful collaboration with fellow RAs and positive student engagement, by leading events and interacting with students from diverse cultural and academic backgrounds.

Academic Honors

Sep 2021 – Jun 2025

- Magna Cum Laude graduate; Dean's List and President's List recipient across multiple semesters for academic excellence.

Certifications

- Harvard CS50P: Introduction to Programming with Python
- DELF B2 – French Language Proficiency (French Ministry of Education)