

Hiarimino Ralison Rakotoson

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EDUCATION/ PROGRAM

Senior | Bachelor's degree in Computer Science

Central Michigan University, Mt. Pleasant, MI

Anticipated graduation: Dec. 2025

Associate of Arts in Computer Information Systems Technical Emphasis

Illinois Central College, East Peoria, IL

Graduated: Aug. 2023, GPA 3.5

SKILLS

Core competencies:	Software Programming, Data Structures and Algorithms Design, Problem-solving, Object-Oriented Design and Programming, Basic Web Development
Programming languages:	Java, C++, C, Basic Python, Html, CSS, Next.js, React, Arduino
Software:	Visual Studio Code, Arduino IDE, NetBeans, R, SAP S4/HANA, Microsoft 365
Communication:	Leadership, Teamwork, Clear written and verbal communication
Languages:	English, French, Malagasy

ACCOMPLISHMENTS

Hack-A-Thon Reimagined 2024 | Central Michigan University, Mt. Pleasant, MI

April 5-6, 2024

- Best in Category "Sustainable mobility solutions" Award to our team with the project "Central Carpool Connect."

Midwest Collegiate Computing Conference | Grand Valley State University, Grand Rapids, MI

March 21-22, 2024

- 3rd place in Microcontrollers Fundamentals with Arduino Competition

12th Annual ERP Sim Competition | Central Michigan University, Mt. Pleasant, MI

March 19, 2024

- Participated as the Team Abeam

CODING PROJECT

Arduino Weather Station:	A project to display weather and room humidity information in real-time clock using an Arduino board and sensors.	Using Arduino (C/C++), Arduino IDE, Arduino Kit
PantryPath App:	A basic web-application to list and manage groceries and supplies.	Using CSS, JavaScript, React, Next.js
Assembler Implementation:	A simple implementation that translates high-level language code into machine code (binary code), facilitating the execution of programs by the computer's processor.	Using Assembly code, Java IDE, Hack Simulator
Task Management Tool:	A basic tool that organizes and prioritizes tasks, including features such as task creation, editing, deletion, and categorization.	Using Java IDE, JavaFX and Swing
Portfolio Website:	A personal website to showcase my projects, skills, and resume.	Using HTML, CSS, JavaScript, React

PROFESSIONAL EXPERIENCE / TRAINING

Software Engineering Fellow | Headstarter AI, United States

July 2024 – Present

A 7-week program consisting of building 5 AI projects, 5 weekend hackathons, 1 final project with 1000+ users, interview prep, resume reviews and feedback from real software engineers.

Office Assistant | CMU Events and Conference Services, Mt. Pleasant, MI

May 2024 – Present

- Maintain data related to office activities, maintain financial records, and complete reference checks.
- Manage meetings and professional staff calendars.
- Regularly review, implement, and enhance office operations.

Student Library Assistant | Central Michigan University Libraries Services, Mt. Pleasant, MI

Sep. 2023 – Present

- Manage library resources using Ex Libris Alma (library system) and ensure proper shelving and organization.
- Perform front desk reception duties, including telephone management, material check-in/out, and customer support.
- Conduct regular security rounds to monitor patrons and organize more library materials.

Resident Assistant | Capstone On-Campus Management ICC Campus Housing, East Peoria, IL

July 2022 – Aug. 2023

- Programed and led monthly recreational and awareness activities for residents.
- Delivered reports upon incidents and maintained confidentiality.
- Managed daily front desk reception, mail sorting, key management, and safety nightly rounds.

CAMPUS LEADERSHIPS

Secretary | Women in Technology

Jan. 2024 – May 2024

Central Michigan University, Mt. Pleasant, MI

Media and Public Relations Manager | International Student Organization

Sept. 2023 – May 2024

Central Michigan University, Mt. Pleasant, MI