Hiarimino Ralison Rakotoson

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EDUCATION

Senior | Bachelor of Science in Computer Science   *Anticipated graduation: Dec. 2025*
Central Michigan University, Mt. Pleasant, MI
Associate of Arts in Computer Information Systems Technical Emphasis   *Graduated: Aug. 2023, GPA 3.5*
Illinois Central College, East Peoria, IL

SKILLS

Coding languages:	Java, C, C++, Javascript, Typescript, Node.js, React, Next.js, HTML, CSS, Basic Python, Git, Arduino, R
IDE/tools:	Visual Studio Code, Replit, Eclipse, Node, Git, Firebase, pgAdmin, Vercel, Arduino, SAP S4/HANA, Microsoft 365
Academic courses:	Software Engineering, Introduction to Operating Systems, Advanced Data Structures, Analysis and Design of Algorithms, Computer Architecture, Object-Oriented Design and Programming, Introduction to Databases
Soft skills:	Organizational skills, Teamwork, Leadership, Attention to details.
Languages:	English, French, Malagasy

ACCOMPLISHMENTS / COMPETITIONS

Hack-A-Thon Reimagined 2024 | Central Michigan University, Mt. Pleasant, MI   *April 5-6, 2024*
- Winner Best in Category "Sustainable mobility solutions" 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 1

PROGRAMMING PROJECT

Weather Station:	A project displaying 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 web-app helping with groceries and supplies management. (https://pantry-path.vercel.app/)	Using JavaScript, Node.js, React, Firebase, Vercel
Assembler:	An implementation translating high-level language code into machine code (binary code) and facilitates the execution of programs by the computer's processor.	Using Assembly code, Java IDE, Hack Simulator
Task Management Tool:	A tool organizing and prioritizing tasks, including features such as task creation, editing, deletion, and categorization.	Using Java, JavaFX, Replit
Portfolio:	My personal website highlights my coding projects and showcases my professional skills. (http://minoralisonr.com)	Using HTM/CSS, Typescript, JS, React

PROFESSIONAL EXPERIENCE / TRAINING

Software Engineering Fellow | Headstarter AI, United States   *July 2024– Sept. 2024*
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.

User Services Student Assistant | Central Michigan University Libraries Services, Mt. Pleasant, MI   *Sep. 2023 – Present*
- Manage library resources using Ex Libris Alma (library system) and ensure their proper shelving and organization.
- Perform front desk reception duties, including telephone management, material check-in/out, and customer support.
- Provide technical support on devices (printer, scanner, etc.), conduct policy and material rounds, and report incidents.

Resident Assistant | Capstone On-Campus Management ICC Campus Housing, East Peoria, IL   *July 2022 – Aug. 2023*
- In charge of planning monthly events and 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

Student Government Association Chair | Women in Technology, Mt. Pleasant, MI   *Aug. 2024 – Present*
Secretary | Women in Technology, Mt. Pleasant, MI   *Jan. 2024 – May 2024*
Media and Public Relations Manager | International Student Organization, Mt. Pleasant, MI   *Sept. 2023 – May 2024*