


# Evode Manirahari

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## EDUCATION

**Sonoma State University**

Rohnert Park, CA

Expected Graduation: May 2027

*BS in Computer Science*

- **Relevant Coursework:** Data Structure, Software Design, Databases.

**Mendocino College**

Ukiah, CA

Graduated: May 2025

*AS for Transfer in Computer Science*

- **Relevant Coursework:** Programming & Algorithms I&II (Java/C++), Computer Organization & Architecture, Calculus 1&2, Discrete Math.

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, JavaScript/TypeScript, SQL, HTML/CSS

**Frameworks:** FastAPI, Spring Boot, React/Next.js, Django

**Tools/ML:** Git/GitHub, Docker, GCP/AWS, PostgreSQL, MongoDB, PyTorch, TensorFlow, NumPy/Pandas, OpenCV, LangChain

## WORK EXPERIENCE

**Mendocino College — Sustainable Technology Program**

Ukiah, CA

*IT Support & Software Developer*

*Jan 2024 – Jun 2025*

- Built and maintained software used to analyze spectroscopic data from the CAMS spectrograph; work supported research by teams at the SETI Institute and NASA.
- Optimized the analysis workflow, reducing processing time by ~95% and increasing dataset throughput.
- Supported **27 faculty** and **500+ students** with technical issues, coordinating with campus IT to restore services quickly.

**Mendocino College — MESA (Mathematics, Engineering, Science Achievement)**

Ukiah, CA

*Tutor (Calculus I–II; Data Structures & Algorithms)*

*Dec 2024 – Jun 2025*

- Supported a cohort of **50+ students** through weekly small group sessions and 1:1 tutoring in Calculus I–II and Data Structures & Algorithms.
- Led coding labs primarily in C++ (with examples in **Java** and **Python**) on stacks, queues, hash tables, binary trees, and graphs; emphasized problem solving and Big O analysis.
- Guided students on lab assignments by reviewing code for correctness/readability and guiding debugging and test driven approaches.

**Student Senate for California Community Colleges (SSCCC), Region I**

Sacramento, CA

*Treasurer Region I*

*Nov 2024 – Jun 2025*

- Oversaw budget serving **2.1M+ students** across **116 colleges**, driving full transparency with monthly reports.
- Streamlined reimbursements with new systems, boosting fund utilization by 68% and launching “Budget 101” workshops for campus leaders.
- Built live financial dashboards and expanded funding access, enabling student-led events and statewide outreach while ensuring compliance.

**Reality AI Labs**

Remote

*AI Engineer Intern*

*April 2024 – Sep 2024*

- Built **ReX**, an AI career coach powered by **OpenAI API + Google Gemini**, delivering personalized coaching, mentorship, and job-search support across the learner lifecycle.
- Implemented adaptive ML that tailored guidance to each learner’s goals and progress, boosting coaching throughput by 40%.
- Shipped RAG over resumes, job posts, and course content using **LangChain/LlamaIndex**, embeddings, and a vector DB (FAISS/Pinecone) to ground answers and cut generic responses.
- Designed an eval harness with **unit tests + A/B testing** and **Weights & Biases** tracking to validate improvements before rollout, instrumented telemetry for quality and latency.
- Productionized APIs with **Python/FastAPI**, **Redis** caching, **Docker**, and **GCP/AWS** services; monitored reliability and kept p95 latency low under load.

**Web3 Labs**

San Francisco, CA

*Software Engineer Intern*

*Feb 2024 – Jun 2024*

- Engineered robust backend systems with Java, Spring Boot, and Hibernate, slashing manual data handling by **80%** and boosting development efficiency.
- Integrated **Kafka** for high-speed, real-time data pipelines—**40%** faster transfers—and deployed **Snowflake on Azure** to cut query latency by **25%**, enhancing scalability and performance.
- Delivered cloud-ready, enterprise-grade services that dramatically improved data flow reliability and operational agility.

**Kundwa Health**

Kigali, Rwanda

*Software Developer*

*Dec 2021 – Jan 2024*

- Built an HTML5 Canvas + JavaScript game to teach Sexual & Reproductive Health (SRHR) and mental health to Rwandan youth.
- Improved adolescent SRHR outcomes by **65%** in pilot sessions
- Localized content in Kinyarwanda/English to ensure cultural relevance.
- Recognized as *Most Innovative Solution* at iAccelerator Bootcamp; secured **\$15,000 funding** from Hanga Pitchfest 2024.

## PROJECTS

**UC Berkeley**– AI Hackathon Summer 2025—[Full-Stack Multi-Agent AI Cybersecurity Platform](#)

- Built **FastAPI/WebSocket + Three.js** system simulating 9 social engineering scenarios with GPT-4 powered agents.
- Designed scalable microservices with **Docker & PostgreSQL**, enabling seamless transition from demo mock agents to enterprise LLM deployment.
- Delivered AI-powered analytics with conversation analysis, vulnerability detection, and automated security reports for organizational training.

**Dejavas — AI Marketing Intelligence Platform**

- Built **FastAPI + LangGraph** system with autonomous AI agents, deep persona DNA, and **22+** production-ready APIs.
- Delivered Grammarly-like extension with real-time content scanning, multi-language/voice analysis, and integrations across Slack, Discord, Shopify, and WordPress.
- Deployed **PostgreSQL**, **Redis**, **Prometheus**, **Grafana**, and **CI/CD** pipelines with **300+** tests, ensuring scalable and reliable performance.

**CodeQuest Jr. — [Gamified Python Learning for kids](#)**

- Architected CodeQuest Jr. **React+TypeScript SPA** (25+ components) with **Pyodide** workers for client-side Python; Vite-optimized to ~0.5 MB; added hidden autograder + staged hints for instant feedback.
- **Shipped 25 levels** (drag-and-drop → Python), Canvas/Web Audio effects, progress saves, and educator analytics; **deployed on Vercel** with **GitHub Actions CI** and per-PR preview deploys.

**FunHealth — [Interactive health education](#)**

- Designed and built Board-game quizzes, service finder connects Rwandan youth to SRHR care.

## EXTRACURRICULARS AND AWARDS

- 2x National Bank of Rwanda Schools Quiz Challenge winner (2020 &2021)
- Hanga Pitchfest 2024 — \$15,000 award
- NVIDIA Summer Bridge Program Participant (2024)
- ColorStack Member & NSBE Member 2024-present
- Codepath Intermediate Technical Interview Prep Course Participant (2025)
- Activities Director in Associated Students of Mendocino College (2024-2025)
- President of AI Building& Startup club at Sonoma State University (2025)