

Evode Manirahari

EDUCATION

Sonoma State University <i>BS in Computer Science</i> <ul style="list-style-type: none">Relevant Coursework: intro to Unix, Data Structure, Software Design & Development, Database management System, Computer Science Colloquium	Rohnert Park, CA	Expected Graduation: May 2027
Mendocino College <i>AS for Transfer in Computer Science</i> <ul style="list-style-type: none">Relevant Coursework: Programming & Algorithms I&II, Computer Organization & Architecture, Calculus 1&2, Discrete Math.	Ukiah, CA	Graduation: May 2025

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML, CSS, SQL, C++, Go, Bash
Technologies: React, Next.js, Node.js, Django, Express.js, Tailwind CSS.
Libraries/Tools: Pytorch, Tensorflow, Pandas, NumPy, OpenCV, Git/GitHub, VS Code, CLion, PyCharm, Figma, PostgreSQL, MongoDB, AWS, LangChain.

WORK EXPERIENCE

Mendocino College — Sustainable Technology Program <i>IT Support& Software Developer</i> <ul style="list-style-type: none">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.	Ukiah, CA <i>Jan 2024 – June 2025</i>
Mendocino College — MESA (Mathematics, Engineering, Science Achievement) <i>Tutor (Calculus I–II; Data Structures & Algorithms)</i> <ul style="list-style-type: none">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.Unblocked students on lab assignments by reviewing code for correctness/readability and guiding debugging and test-driven approaches.	Ukiah, CA <i>Dec 2024 – May 2025</i>
Student Senate for California Community Colleges (SSCCC), Region I <i>Treasurer Region I</i> <ul style="list-style-type: none">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.	Sacramento, CA <i>Nov 2024 – June 2025</i>

Reality AI Labs <i>AI Engineer Intern</i> <ul style="list-style-type: none">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.	Remote <i>April 2024 – Sept 2024</i>
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Web3 Labs <i>Software Engineer Intern</i> <ul style="list-style-type: none">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.	San Franscico, CA <i>Feb 2024 – June 2024</i>
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Kundwa Health <i>Software Developer</i> <ul style="list-style-type: none">Built an HTML5 Canvas + JavaScript web game hosted by Kundwa health to teach Sexual and Reproductive Health and Rights (SRHR)& mental health topics to the youth.Drove a 65% improvement in adolescent SRHR in pilot sessions.Designed board-game-style quizzes, progress tracking, and a service-finder screen to connect youth with youth-friendly care.Collaborated with a Rwanda-based youth nonprofit organizations to localize content (Kinyarwanda/English) and make examples culturally relevantRecognized as the “Most Innovative Solution” during iAccelerator bootcamp (May 2024) led to securing \$15000 from Hanga Pitchfest 2024.	Kigali, Rwanda <i>Dec 2021 – Jan 2024</i>
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PROJECTS

UC Berkeley– AI Hackathon Full-Stack Multi-Agent AI Cybersecurity Platform Social Agent <ul style="list-style-type: none">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 <ul style="list-style-type: none">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 CodeQuest Jr.(Littlekids) <ul style="list-style-type: none">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 —FunHealth <ul style="list-style-type: none">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.
- ColorStack Member & NSBE Member 2024-present
- 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.