

EDUCATION

Sonoma State University	Rohnert Park, CA	Expected Graduation: May 2027
BS in Computer Science		
<ul style="list-style-type: none"><li>Relevant Coursework: Data Structure, Software Design, Databases.</li></ul>		
Mendocino College	Ukiah, CA	Graduated: May 2025
AS for Transfer in Computer Science		
<ul style="list-style-type: none"><li>Relevant Coursework: Programming &amp; Algorithms I&amp;II (Java/C++), Computer Organization &amp; Architecture, Calculus 1&amp;2, Discrete Math.</li></ul>		

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	
<ul style="list-style-type: none"><li>Built and maintained software used to analyze spectroscopic data from the CAMS spectrograph; work supported research by teams at the SETI Institute and NASA.</li><li>Optimized the analysis workflow, reducing processing time by ~95% and increasing dataset throughput.</li><li>Supported 27 faculty and 500+ students with technical issues, coordinating with campus IT to restore services quickly.</li></ul>	
Mendocino College — MESA (Mathematics, Engineering, Science Achievement)	Ukiah, CA
Tutor (Calculus I–II; Data Structures & Algorithms)	
<ul style="list-style-type: none"><li>Supported a cohort of 50+ students through weekly small group sessions and 1:1 tutoring in Calculus I–II and Data Structures &amp; Algorithms.</li><li>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.</li><li>Guided students on lab assignments by reviewing code for correctness/readability and guiding debugging and test driven approaches.</li></ul>	
Student Senate for California Community Colleges (SSCCC), Region I	Sacramento, CA
Treasurer Region I	
<ul style="list-style-type: none"><li>Oversaw budget serving 2.1M+ students across 116 colleges, driving full transparency with monthly reports.</li><li>Streamlined reimbursements with new systems, boosting fund utilization by 68% and launching “Budget 101” workshops for campus leaders.</li><li>Built live financial dashboards and expanded funding access, enabling student-led events and statewide outreach while ensuring compliance.</li></ul>	

Reality AI Labs	Remote
AI Engineer Intern	
<ul style="list-style-type: none"><li>Built ReX, an AI career coach powered by OpenAI API + Google Gemini, delivering personalized coaching, mentorship, and job-search support across the learner lifecycle.</li><li>Implemented adaptive ML that tailored guidance to each learner’s goals and progress, boosting coaching throughput by 40%.</li><li>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.</li><li>Designed an eval harness with unit tests + A/B testing and Weights &amp; Biases tracking to validate improvements before rollout, instrumented telemetry for quality and latency.</li><li>Productionized APIs with Python/FastAPI, Redis caching, Docker, and GCP/AWS services; monitored reliability and kept p95 latency low under load.</li></ul>	

Web3 Labs	San Francisco, CA
Software Engineer Intern	
<ul style="list-style-type: none"><li>Engineered robust backend systems with Java, Spring Boot, and Hibernate, slashing manual data handling by 80% and boosting development efficiency.</li><li>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.</li><li>Delivered cloud-ready, enterprise-grade services that dramatically improved data flow reliability and operational agility.</li></ul>	

Kundwa Health	Kigali, Rwanda
Software Developer	
<ul style="list-style-type: none"><li>Built an HTML5 Canvas + JavaScript game to teach Sexual &amp; Reproductive Health (SRHR) and mental health to Rwandan youth.</li><li>Improved adolescent SRHR outcomes by 65% in pilot sessions</li><li>Localized content in Kinyarwanda/English to ensure cultural relevance.</li><li>Recognized as Most Innovative Solution at iAccelerator Bootcamp; secured \$15,000 funding from Hanga Pitchfest 2024.</li></ul>	

PROJECTS

UC Berkeley– AI Hackathon Summer 2025—Full-Stack Multi-Agent AI Cybersecurity Platform
<ul style="list-style-type: none"><li>Built FastAPI/WebSocket + Three.js system simulating 9 social engineering scenarios with GPT-4 powered agents.</li><li>Designed scalable microservices with Docker &amp; PostgreSQL, enabling seamless transition from demo mock agents to enterprise LLM deployment.</li><li>Delivered AI-powered analytics with conversation analysis, vulnerability detection, and automated security reports for organizational training.</li></ul>
Dejavas — AI Marketing Intelligence Platform
<ul style="list-style-type: none"><li>Built FastAPI + LangGraph system with autonomous AI agents, deep persona DNA, and 22+ production-ready APIs.</li><li>Delivered Grammarly-like extension with real-time content scanning, multi-language/voice analysis, and integrations across Slack, Discord, Shopify, and WordPress.</li><li>Deployed PostgreSQL, Redis, Prometheus, Grafana, and CI/CD pipelines with 300+ tests, ensuring scalable and reliable performance.</li></ul>
CodeQuest Jr. — Gamified Python Learning for kids
<ul style="list-style-type: none"><li>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.</li><li>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.</li></ul>
FunHealth —Interactive health education
<ul style="list-style-type: none"><li>Designed and built Board-game quizzes, service finder connects Rwandan youth to SRHR care.</li></ul>

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)