

Rian Corcino

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EDUCATION

Western Governors University
Bachelor of Science in Computer Science
Riverside City College
Associate of Science in Computer Science

Salt Lake City, UT
May 2026
Riverside, CA
Aug. 2021 – May 2024

EXPERIENCE

Ayzenberg | AI Engineer | Pasadena, CA Jul. 2025 – Present

- Building AI agents for Microsoft Teams that automate **10+ workflows** (file management, employee lookups, project tracking, etc.), already reaching **500+ employees** within the first month
- Implementing a **RAG pipeline** using Azure Functions and Vector Indexes from 5+ sources to unify company data, including project files, SharePoint content, and employee directory, into a centralized AI-powered search system
- Deploying LLM/embedding models via **Azure AI Foundry**, ensuring scalable integration with Microsoft 365
- Collaborating with SVPs and IT leadership to deliver AI agents aligned with organizational priorities

Microsoft | Software Engineer Intern | Redmond, WA Jun. 2024 – Sep. 2024

- Enhanced Microsoft Copilot catch-up search accuracy by **7%** by optimizing queries with Azure Search
- Reduced search latency by **200 ms** by integrating meeting summaries with C#, Azure Functions, and Kafka
- Increased query retrieval efficiency by **15%** by optimizing search pipeline with Microsoft Knowledge Graph
- Learned and applied Microsoft's internal **AGILE** development framework through weekly sprints

Microsoft | Software Engineer Intern | Remote May 2023 – Jul. 2023

- Built real-time collaborations app for **100+ students** using React, resulting in a 63% increase in classroom engagement
- Implemented messaging, polling, and feedback features using web sockets to enhance participation in real-time
- Designed analytics dashboard using **GraphQL** to surface action items and visualize student data

PROJECTS

AERIS | [GitHub](#) | *Next.js, YOLOv8, Groq, LLaMA, Supabase, FastAPI, Twilio, DAIN AI* Apr 2025

- Built **AI drone system** that locates disaster victims and dispatches responders automatically
- Developed computer vision pipeline with **78% accuracy** using YOLOv8 + LLaMA for hazard and victim detection
- Automated emergency response using AI agents to find hospitals and coordinate Twilio-driven 911 calls
- Won **Groq 1st Place** at LA Hacks

SwarmAid | [GitHub](#) | *Python, OpenAI Swarm, Leaflet.js, Next.js, OpenAI* May 2025

- Built a decentralized agent system to distribute food from suppliers to shelters in **4-7 seconds**
- Designed **Swarm agents** for detection, matching, routing, and compliance via API-driven coordination
- Developed an interactive Leaflet.js dashboard and Python backend to simulate real-world logistics and agent coordination
- Won **2nd Place Overall** at Hack Dearborn

ICUthere | [GitHub](#) | *Next.js, Supabase, Shadcn, Hume AI, OpenAI* Mar 2025

- Built AI-powered ER triage platform that reduces patient intake time by **94%** using speech and facial cues
- Developed **empathetic voice assistant** and AI dashboard with dynamic triage levels and real-time patient updates
- Integrated emotion-aware Hume API to reduce staff burnout and **automate patient intake** across multiple languages

Synergy | [Website](#) | *Next.js, Flask, Supabase, LangChain, Vercel, OpenAI* Nov 2024 – Present

- Built a team-matching web platform to help **4,000+ hackers** find teammates at major hackathons
- Developed a RAG-powered recommendation system to match teammates based on technical skills, experience
- Designed a scalable architecture with Supabase, Vercel to support **100+** students per hackathon

LEADERSHIP

WeCracked | Director of Media | Riverside, CA May 2024 – Present

- Grew global hackathon community to **10,000+ students** over 3 months as media lead across multiple platforms
- Managed a team of **10+ content creators**, overseeing the development of high-quality written and video content

TECHNICAL SKILLS

Programming Languages: JavaScript, Typescript, Java, C/C++, C#, Python, SQL, Kotlin, HTML/CSS
Developer Tools: Postman, Vercel, Firebase, Clerk, Google Console, Supabase, GraphQL, Docker, ChromaDB, Azure Cloud
Libraries: OpenAI, Anthropic, NumPy, Pandas, Scikit Learn, Matplotlib, OpenCV, PyTorch, TensorFlow, Keras
Frameworks: React, Node.js, Next.js, TypeScript, Flask, Material UI, ExpressJS