

# Rian Corcino

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## EDUCATION

### Western Governors University

Bachelor of Science in Computer Science

Salt Lake City, UT

May 2026

## EXPERIENCE

### Ayzenberg | AI Engineer Intern | Pasadena, CA

Jul. 2025 – Present

- Developing internal Copilot agents adopted by **160+** employees, automating **14+** cross-department workflows spanning HR, finance, and project management; reduced manual task time by **40%** and enabled instant access to company data
- Achieved **98%** response accuracy and **200ms** query latency through optimized Azure RAG pipelines
- Managing 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 agentic 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 an agent orchestration 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, GCP, Supabase, GraphQL, Docker, ChromaDB, Azure AI Foundry

**Libraries:** OpenAI, Anthropic, NumPy, Pandas, Scikit Learn, Matplotlib, OpenCV, PyTorch, TensorFlow, Keras

**Frameworks:** React, Node.js, Next.js, TypeScript, Flask, Material UI, ExpressJS