Rian Corcino

linkedin.com/in/riancorcino | github.com/coderkai03 | rian.corcino.net

EDUCATION

Western Governors University — Salt Lake City, UT
Bachelor of Science in Computer Science — May 2026

Riverside City College — Riverside, CA
Associate of Science in Computer Science — Aug 2021 – May 2024

EXPERIENCE

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

Oregon Human Dev. Corp. | Software Engineer | Riverside, CA — Oct 2023 – Apr. 2024
- Built an Android app using Kotlin to **educate 68,000+ farmers** on pesticide safety and heat stress management
- Implemented table partitioning using BigQuery to replace static data, **reducing update time by 90%**
- Enhanced accessibility by automating translating for **3+ languages** for Hispanic farmers using localization
- Collaborated cross-functionally with field agents and safety experts to ensure content accuracy and cultural relevance

Microsoft | Software Engineer Intern | Remote — May 2022 – Jul. 2022
- Built interactive web app for **100+ students**, 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 FastAPI backend with **YOLOv8 + LLaMA pipeline** for hazard detection and victim triage
- Automated emergency response using **DAIN agents** to find hospitals and coordinate Twilio-driven 911 calls
- Awarded **1st Place Groq** 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 real-time
- 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
- Awarded **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

NagaGuard | [GitHub](#) | *Gemini, React, Python, Flask, SQL* — Apr 2024
- Developed React web app to optimize patient data management for **6,000+ hospitals**.
- Reducing medical encoding time by **98%** by leveraging Gemini LLM API to automate medical transcription.
- Awarded **Best Startup** at BearHacks, UCR.

Synergy | [Website](#) | *Next.js, Flask, Firebase, LangChain, AWS, 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 suggest optimal teammates
- Designed a **scalable architecture** to support multiple concurrent hackathons with minimal latency

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
Libraries: OpenAI, Anthropic, NumPy, Pandas, Scikit Learn, MatplotLib, OpenCV, PyTorch, TensorFlow, Keras
Frameworks: React, Node.js, Next.js, TypeScript, Flask, Material UI, ExpressJS