Rian Corcino

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EDUCATION

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

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

EXPERIENCE

Microsoft — Jun 2024 – Sep. 2024
Software Engineer Intern — *Redmond, WA*
- 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

Oregon Human Development Corp. — Oct 2023 – Apr. 2024
Software Engineer — *Riverside, CA*
- 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

Microsoft — May 2022 – Jul. 2022
Software Engineer Intern — *Remote*
- Built interactive communication web app for **100+ student users** using React, resulting in a **63% increase in classroom engagement** between student users
- Designed an analytics dashboard using GraphQL, providing action items and gaining experience in data processing

PROJECTS

Synergy | [Website] | *Next.js, Flask, Firebase, LangChain, AWS, OpenAI* — Nov 2024 – Present
- Built a team-matching web platform that has helped **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

ViralityAI | [GitHub] | *Next.js, Flask, Python, AWS, Scikit* — Feb 2024
- Developed an AI analytics tool that predicts video virality with **47% accuracy**, trained on **26,000 viral videos**.
- Integrated Instagram's Graph API and trained an ML model using Scikit Learn to analyze video formats.

NagaGuard | [GitHub] | *Gemini, React, Python, Flask, SQL* — Apr 2024
- Developed React web app to optimize patient data management and operational efficiency for **6,000+ hospitals**.
- Leveraged Gemini LLM API to automate medical transcription, reducing coding time by **98%**.
- Awarded **Best Startup** at BearHacks, UCR.

EcoMaps | [GitHub] | *Kotlin, XML, CSV, Google Maps, Figma* — Feb 2024
- Developed an Android app using Kotlin that analyzes **2,000+ water treatment** health and safety stats
- Educated users by visualizing **10,000+ water stats** and providing 5+ caution items
- Awarded **Best Sustainability** at FullyHacks, CSUF

LEADERSHIP

WeCracked — May 2024 – Present
Director of Media — *Riverside, CA*
- 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