

# Rian Corcino

[linkedin.com/in/riancorcino](https://www.linkedin.com/in/riancorcino) | [github.com/coderkai03](https://github.com/coderkai03) | [rian.corcino.net](https://rian.corcino.net)

## EDUCATION

**Western Governors University**  
*Bachelor of Science in Computer Science*

Salt Lake City, UT  
*Expected: May 2026*

**Riverside City College**  
*Associate of Science in Computer Science*

Riverside, CA  
*Aug 2021 – May 2024*

## EXPERIENCE

**Microsoft**  
*Software Engineer Intern*

Jun 2024 – Sep. 2024  
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.**  
*Software Engineer*

Oct 2023 – Apr. 2024  
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**  
*New Technologist Intern*

May 2022 – Jul. 2022  
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 2023 – 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**  
*Director for Media*

May 2023 – Present  
Riverside, CA

- Managed a team of **10+ content creators**, overseeing the development of high-quality written and video content
- Grew overall audience to **4,000+ users in 1 month** as media lead across multiple platforms

## 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