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 catch-up search accuracy by **7%** in Microsoft Copilot by optimizing queries with C# and 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 C# and Microsoft Graph

TuneLink — Oct 2023 – Apr. 2024
Software Engineer Intern — *Riverside, CA*
- Built mobile application using Kotlin to educate **150K+** farmers on pesticide safety and heat stress management
- Implemented table partitioning using **BigQuery** to replace static data, reducing update time by 90%
- Integrated localization, translating the app into multiple languages to ensure accessibility for Hispanic farmers

Microsoft — May 2022 – Jul. 2022
New Technologist Intern — *Remote*
- Built React web app for **100+** daily active users; 60% higher engagement between student users
- Designed an analytics dashboard using GraphQL, managing **over 2,000** weekly events and gaining practical experience in data processing

Riverside City College — Feb 2022 – Jul. 2023
Teaching Assistant — *Riverside, CA*
- Mentored Data Structures and Algorithms in C/C++, Java, Python, and JavaScript, resulting in a **90%** pass rate
- Led weekly labs and provided feedback to **300+ students** on assignments, projects, and exams
- Built full-stack automated code grading app; 70% faster reviews, scaled to 300+ concurrent users
- Integrated LeetCode challenges into course curriculum, boosting students' problem-solving skills by **35%**

PROJECTS

NagaGuard | Best Startup at BearHacks | **GitHub** | *Gemini, NextJS, Python, Flask, SQL*
- Developed a ReactJS full-stack web app that optimizes patient data management within clinics and hospitals
- Reduced medical coding time by **99%** using Gemini LLM API to automate transcription process

SF Civil Pro | Best Use of AI in Education at SF Hacks | **GitHub** | *OpenAI, ReactJS, CSV, Firebase, Figma*
- Constructed a web app that personalizes study plans using generative AI for prospective civil service workers
- Implemented AI study features using OpenAI LLM API which batch-generated **20+** cards and exam questions

EcoMaps | Best Mobile App at FullyHacks | **GitHub** | *Kotlin, XML, CSV, Google Maps, Figma*
- Spearheaded a mobile app using Kotlin that analyzes **2K+** water treatment health and safety stats
- Educated users by visualizing **10K+** water stats and locations using a Google Maps marker overlay

LEADERSHIP

WeCracked — May 2023 – Present
Director for Media — *Riverside, CA*
- Managed a team of **10+** content creators, overseeing the development of high-quality written and video content
- Led media content production across multiple platforms, growing overall audience to **4K+ users** in **1 month**

TECHNICAL SKILLS

Languages: JavaScript, Java, C/C++, C#, Python, SQL, Kotlin, HTML/CSS, XML
Frameworks: ReactJS, Node.js, Next.js, TypeScript, Flask, Material UI
Developer Tools: Git, Postman, Vercel, Firebase, Clerk, Google Console, Supabase
Libraries: Pandas, Keras, Pytorch, OpenAI, Gemini