

Samuel Gerungan

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Education

Riverside City College, Associate in Science – Computer Science, GPA 4.0 Expected June 2027

- Relevant Coursework: Programming Fundamentals of C++, Advanced Programming Data Structures C++, Discrete Structures, Data Structures and Algorithms.

Full Stack Development Trainee, UCLA Extension – Los Angeles, CA Aug – Nov 2022

- Built and deployed full-stack applications integrating RESTful APIs, authentication, and database management in an intensive accelerated three-month program.

Engineering Research Experience

Research Assistant, Dr. Mark E. Lehr – Riverside City College (Riverside, CA) Aug 2025

- Collected, cleaned, and preprocessed International Programming Competition datasets to identify irregularities in performance metrics, scoring patterns, and run-time errors.
- Applied anomaly detection and algorithm analysis to uncover gaps in curriculum.
- Collaborated with a research team to show that runtime optimization and complexity management were underrepresented in participant preparation.

Experience

Participant & Competitor, UC Berkeley AI Hackathon 2025 – Berkeley, CA June 2025

- Developed **SosheIQ** – The most complex and realistic modern social simulation tool on the market.

Participant & Competitor, Cal Hacks 12.0 – San Francisco, CA October 2025

- Developed **DoGood** – Engineered a unified low latency context window for Claude.ai, Poke MCP - Interaction Co., and LiveKit, to create the most personalized, proactive, and positive personal habits aide.

Lab Aide & Peer Tutor, Riverside City College – Riverside, CA June 2025 – Present

- Maintain computer systems and provide guidance for over 120 computer science students.

Projects

SosheIQ – AI Social Interaction Coach (github.com/sam-t-g/SosheIQ) June 2025

- Developed a Multi-agent conversational AI to coach users in social awareness and dialogue efficiency.

Vitalis – Offline Emergency Response AI (github.com/sam-t-g/vitalis) Sept 2025

- Developed an AI assistant for offline local execution (GPT-OSS-20B) to guide emergency response protocol in low-bandwidth or remote conditions.

FullChat – Instant Messaging App (github.com/sam-t-g/fullchat) May 2024

- Developed an instant-messaging platform without modern React libraries, focusing on native architecture principles.

Leadership and Activities

Google Developer Group (GDG @ RCC) , Chapter Founder and Coordinator	September 2025
• Lead and coordinate workshops on modern frameworks, tools, and cloud services by Google.	
RCC ACM Club (Computer Science) , Secretary and Workshop Coordinator	Feb 2025 – Present
• Organize weekly meetings and technical workshops for RCC students. • Lead hands-on sessions teaching modern software framework architecture.	
Riverside AI Hackathon , Founder and Coordinator	September 2025
• Founded and organized workshops and student activities at Riverside City College's first hackathon.	

Technologies

Languages: C++, TypeScript, Python, JavaScript, HTML, CSS

Tools & Frameworks: Google Cloud Suite, AWS, React, NextJS, NodeJS, Docker, Git, Adobe Creative Suite

Spoken Languages: English (Advanced), Indonesian (Intermediate), Spanish (Beginner)