

# Rishit Srinivas

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## EDUCATION

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### San José State University (SJSU) - Bachelor of Science in Computer Science

Expected Graduation: December 2027

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Discrete Mathematics, Computer Organization, Programming in C++ / Java

## TECHNICAL SKILLS

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**Languages:** Java, C++, SQL, Python, HTML

**Frameworks:** React Native (Expo), FastAPI, Node.js

**AI/ML:** Multimodal LLMs, Retrieval-Augmented Generation (RAG), pgvector, pandas, Agent Orchestration

**Databases & Cloud:** PostgreSQL, S3

**Tools:** Git, GitHub, Docker, VS Code, IntelliJ, Claude Code, ChatGPT (Codex), Cursor, Grok Build

## EXPERIENCE

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### Technical Founder & Project Manager - Claire Health LLC

Feb 2026 - August 2026

San José, CA

- Designed an AI skincare mobile and web application that combined **multimodal LLMs** (image + text) with Retrieval-Augmented Generation (**RAG**) for personalized recommendations for over **13k users**
- Architected full-stack MVP: React Native (Expo) frontend, FastAPI backend, PostgreSQL + pgvector for embeddings, S3 buckets within a sprint-based 10-week plan leading a small cross-functional **team of 12**.
- Engineered structured prompting pipeline with safety guardrails (ingredient conflict detection, overuse prevention, medical escalation logic)
- Developed evaluation loop (user feedback + quality metrics) to iteratively improve recommendation accuracy
- Explored PyTorch-based computer vision model for acne severity classification

### Research Assistant - UCSF Information Commons

Oct 2025 - Dec 2025

San Francisco, CA

- Collaborated with medical researchers to query a large-scale database of **8M+ de-identified patient records**
- Wrote complex SQL queries to extract patient cohorts for downstream analysis using **Python (pandas)**
- Supported data-driven research contributing to academic medical publications

## PROJECTS

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### ZEROg - Multi-agent space-biology discovery engine | gravityzero.space

- Built a multi-agent harness that scans NASA Open Science (OSDR/GeneLab) archives in real time and surfaces ranked biomedical leads while the scan is live
- Indexed 612 spaceflight studies and 184M gene expression values tracking roughly 47 research leads for medical breakthroughs
- Deployed a live demo so users can inspect ranked leads

### Weight Wellness - Clinic grocery and nutrition guide

- Built a supplemental web application for the Weight Wellness clinic at UT Southwestern Medical School by turning food-budget and nutrition guidance into affordable grocery options patients can conveniently use
- Compared store prices and optimizes shopping routes so **~350 patients** monthly could follow clinical meal guidance without defaulting to the cheapest unhealthy meals.
- Ingested 191 clinical handouts into a **RAG** chatbot that answers patient questions from approved materials.

More projects at rishitsrinivas.com