

Benjamin Garcia

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EDUCATION

University of California, Los Angeles
Bachelor of Science, Computer Science

Los Angeles, CA
Expected Graduation: Dec. 2027

TECHNICAL SKILLS

Languages: TypeScript, Python, Java, C, C++, SQL, JavaScript, HTML/CSS
Frameworks & Libraries: Next.js, React, Tailwind CSS, FastAPI, Prisma, Node.js, Zod, Zustand, TanStack Query, React Flow
Databases & Infrastructure: PostgreSQL, Supabase, Firestore, Redis, Docker, Git, Linux/Unix, AWS Lambda, Kubernetes

EXPERIENCE

Incoming Software Engineer Intern Jun. 2026 – Aug. 2026
Lindy San Francisco, CA

Undergraduate Researcher Dec. 2025 – Present
UCLA Human-Computer Interaction Research Lab Los Angeles, CA

- Building **HI-COS**, a human-in-the-loop AI research platform that transforms retrieved scientific literature into evidence-grounded agent perspectives, structured debates, and refined hypotheses.
- Implemented a TypeScript/React Flow hypothesis canvas that streams **8** server-sent event types from a FastAPI backend, visualizing **6** model stages from planning through agent reasoning, critique, and refinement.
- Developing cluster-based agent setup workflows that map retrieved papers into semantic literature clusters, convert clusters into **RAG-grounded** agent perspectives, and expose source provenance through an inspectable UI.
- Translated feedback from a **10-researcher** study and research meetings into lower-friction interaction flows for suggested agents, evidence grounding, prompt context, and researcher-steered debate controls.

Software Engineer Intern Mar. 2025 – Sep. 2025
Todd Agriscience Los Angeles, CA

- Delivered **AI-driven crop insight dashboards** for **5–10** clients, integrating full-stack Next.js interfaces with Palantir Foundry and AWS Lambda.
- Developed data pipelines visualizing **20+** agricultural streams across soil, irrigation, weather, and yield data to support real-time farm management decisions.

Research and Development Engineer Intern Jul. 2025 – Aug. 2025
Bonterra Austin, TX

- Prototyped an **agentic AI system** for nonprofit event analytics using tool-calling frameworks and **MCPs**, benchmarking **5+** approaches across attendance, retention, and fundraising workflows.
- Developed a **multi-tool orchestration layer** for autonomous agent collaboration, improving retrieval latency by **22%** and validating tool-selection policies across nonprofit datasets.

Software Engineer Intern May 2025 – Jun. 2025
TensorStar San Francisco, CA

- Engineered **real-time agentic UIs** with Next.js, Redux, and WebSockets, supporting **100+** concurrent users with **sub-100ms** latency.
- Built **secure credential-submission workflows** with Python, Redis, and HashiCorp Vault, supporting authentication across **50+** enterprise data sources.

PROJECTS

GitProof | *Next.js, TypeScript, PostgreSQL, Prisma, Gemini API, GitHub GraphQL API* Dec. 2025 – Present

- Built a full-stack developer portfolio platform used by **10** users to transform GitHub activity into recruiter-ready profiles, processing **100+** public repositories through a type-safe GitHub GraphQL, PostgreSQL, and Prisma pipeline.
- Designed a **3-factor** weighted impact scoring algorithm combining logarithmic popularity, recency decay across **5** time tiers, and project maturity signals into a **0–50** portfolio score.
- Built an **AI-powered insights system** using Google Gemini 2.5 Flash to generate project descriptions, bios, and portfolio feedback from repository metadata.

Logit | *Next.js, TypeScript, PostgreSQL, Prisma, React, Recharts, Anthropic API* Mar. 2026 – Present

- Built a full-stack workout journal piloted by **5** lifters, supporting workout logging, split planning, analytics, public profiles, and **AI-assisted split generation** across an **11-model** PostgreSQL schema.
- Engineered **transaction-safe workout and split mutations** across **12** API route files, combining validation, weight normalization, derived read models, cache invalidation, and trusted-origin protections.
- Wrote **23** TypeScript test files covering **76** cases across workout math, scheduling, split rules, AI draft validation, payload normalization, read-model sync, and export formatting.