

Lucas Amberg

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EDUCATION

California State University, Long Beach

Bachelor of Science in Computer Science

3.79 GPA

Long Beach, California

August 2022 – December 2026

EXPERIENCE

Software Engineering Intern

May 2025 – August 2025

LinkedIn

Mountain View, CA

- Resolved server downtime issues by improving error handling on two job dashboard service APIs, leading to a improvement in uptime on those pages by 4-6% on average.
- Implemented front-end and back-end for a component on the LinkedIn applicant evaluation page involving Gen AI features, used by 500000+ recruiters on mobile and web platforms.
- Constructed API in Java and front-end in Kotlin for new full-stack hiring features on the LinkedIn flagship platform.

CEO, CTO, Co-Founder

January 2025 – Present

Rush+

Long Beach, CA

- Sole engineer and chief executive of Rush+, a recruitment app streamlining fraternity, sorority and club recruitment currently used by 120+ chapters with 2200+ members.
- Engineered AI matching tool for building potential new member profiles and finding best fit actives using OpenAI API and web scraping tools, matching 12000+ potential new members to 2200+ active members.
- Designed mobile app and web platform from scratch, with subscriptions purchased by 80+ chapters at 55+ universities around the United States and Canada.

Software Engineering Intern

February 2024 – June 2024, August 2024 – January 2025

Hirebird

New York, NY

- Implemented "Apply on Hirebird" feature, a one click solution for job applications on Hirebird partnered positions, used by 3000+ job posts and 12000+ applicants.
- Resolved dozens of performance issues related to data fetching, reducing load times by an average of 0.5s per page on all pages of the platform.
- Built an automated web scraping system using Puppeteer and OpenAI, scraping 1000+ jobs per day and self adjusting to achieve maximum results.
- Implemented live messaging with file uploads, used in over 10000 candidate and recruiter messages on the platform.

Software Engineering Intern

June 2024 – August 2024

PlutoTV

Los Angeles, CA

- Developed six library generators and four app generators with Nx, making library and app generation over 80% faster, documented and presented to 200+ team members in 2 presentations.
- Researched and delivered a presentation on improving React Native apps accessibility for screen readers, with solutions on better focus and keyboard navigation.

PROJECTS / OPEN SOURCE

Study Sets, BeachHacks 8.0 Hackathon Winner | *TypeScript, Supabase, OpenAI API, Next.js* March 2025

- Built an AI-powered tool to convert PDFs, DOCX, PPTX, and images into interactive study sets and quizzes.
- Implemented real-time progress tracking with Supabase and visualized user performance through a custom analytics dashboard.
- Overcame challenges in multi-format file parsing and performance optimization for large context inputs.

Clear View Website and CRM | *TypeScript, Expo, React Native, PostgreSQL, Next.js* June 2024 – Present

- Designing CRM system, lead generator, mobile app with invoice management for 2000+ customers, and employee management for 20+ employees. Facilitating contact and long term relations leading to over \$20000 in sales.

TECHNICAL SKILLS

Languages and Frameworks: Java, TypeScript, JavaScript, Python, Next.js, React Native, Kotlin, C++, CSS, HTML
Databases: PostgreSQL, SQL, MongoDB, Neo4J, Cypher