

LUCAS AMBERG

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EDUCATION

California State University, Long Beach

Long Beach, CA

Bachelor of Science in Computer Science | GPA: 3.794

August 2022 – May 2026

- Relevant Coursework: Data Structures, Algorithms, Object Oriented Application Development, Discrete Structures
- Member of Kappa Sigma Fraternity, Google Developer Student Club, Association for Computing Machinery, AI Research Club, Virtual Reality Operations Club
- President's Honor List *Fall 2023, Spring 2024*
- Dean's Honor List *Fall 2022, Spring 2023*

University of Hertfordshire

Hatfield, England, UK

Bachelor of Science (Honors) in Computer Science

August 2024 – January 2025

- Studying abroad this fall to gain new insights and build my Computer Science skills.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, HTML, CSS

Frameworks: React.js, Next.js, Tailwind CSS, Panda CSS

Developer Tools: Git, VS Code, Linux OS, AWS, Figma, WSL, Pulumi, Jira

Databases: MongoDB, Neo4J, Cypher, PostgreSQL

Concepts: Data Structures, Full Stack Development, REST, Object Oriented Programming, Algorithms, Machine Learning, Agile

EXPERIENCE

Software Engineer

August 2024 – Present

Hirebird

New York, NY

- Implementing "Apply on Hirebird" feature, a one click solution for job applications on Hirebird partnered positions, used by 1000+ job posts and 10000+ 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.

Software Engineering Intern

June 2024 – August 2024

PlutoTV

Los Angeles, CA

- Delivered a presentation on improving React Native apps for screen readers about better focus management and keyboard navigation.
- Developed six library generators and four app generators with Nx, making library and app generation over 80% faster.
- Documented and presented my work on app and library generators to 200+ team members in 2 presentations.

Software Engineering Intern

February 2024 – June 2024

Hirebird

New York, NY

- Implemented live messaging with file uploads. Used AWS S3, Liveblocks, and Next.js. Styled using Panda CSS and Park UI recipes for a clean, consistent style.
- Scrummed with a team of 10+ developers 2-3 times weekly, used Figma, Jira, Miro, Notion, and other tools to visualize concepts and plan sprints or kanban.

Information Technology Student Specialist

March 2023 – May 2024

Port of Los Angeles

Los Angeles, CA

- Automated Microsoft Office patches on 200+ computers with Visual Basic scripts, which cut update times by 80%.
- Streamlined app and computer setup with custom batch files and command line operations, which cut setup time by 30%.

PROJECTS / OPEN SOURCE

Interngoat, Co-Founder | *TypeScript, Neo4j, Next.js, OpenAI API, Web Scraping, Panda CSS*

August 2024 – Present

- Built autonomous web scraping system to find and input internships worldwide, adding 250+ internships.
- Developed the full platform including an internship list and search feature, company list, and newsletter.
- Designed and implemented a newsletter system using Resend and Vercel, sending a email everyday with new internships.

Uix Graph Library, Maintainer | *TypeScript, Zod, Neo4j, OpenAI API*

June 2024 – Present

- Contributed entirety of [documentation](#), allowing for several new users and contributors to access the library.
- Designed 30+ unit tests using Vitest to assert core graph database interactions and successful vector embedding of nodes.

LEADERSHIP

- Served as Grand Scribe and Recruitment Chairman for Kappa Sigma, directed a 25 person committee over 4 months.
- Raised \$10,000 for the Military Heroes Campaign over a 1 year period as Assistant Philanthropy Chairman of Kappa Sigma.
- Planned a \$1000 budget used to orchestrate five recruitment events that attracted 200+ attendees.
- Organized a \$500 budget for an Alumni networking event that drew 60+ attendees.
- Authored and distributed newsletters to 1,500+ chapter alumni.