

LUCAS AMBERG

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EDUCATION

California State University, Long Beach

Bachelor of Science in Computer Science

Long Beach, CA

August 2022 – May 2026

- GPA: 3.794
- 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*

TECHNICAL SKILLS

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

Frameworks: React.js, Node.js, Tailwind CSS, Express.js, Next.js, React Native

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

Databases: MongoDB, Neo4J, Cypher, PostgreSQL

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

EXPERIENCE

Software Engineering Intern

PlutoTV

June 2024 – Present

Los Angeles, CA

- Initialized documentation for onboarding developers to the cross platform monorepo using Next.js and Docusaurus.
- Refactoring component library using Gluestack-UI, React Native, and Storybook to allow for seamless cross platform development.

Software Engineering Intern

Hirebird

February 2024 – Present

New York, NY

- Early-stage intern in a start-up environment, working in all areas of the stack including but not limited to frontend with Next.js, backend with Node.js/TypeScript, and cloud infrastructure development with AWS and Pulumi.
- Implemented live messaging with file uploading functionality using AWS S3, Liveblocks, and Next.js API routes along with Panda CSS and Radix UI for clean and consistent styling.
- Designed onboarding flow utilizing OpenAI API with GPT-4o in a chat-like UI format, speeding up onboarding for over 17,000 job candidates to Hirebird.
- Scrumming with team of 10+ developers 2-3 times weekly using Figma, Jira, Miro, Notion, and other collaboration tools to visualize concepts and plan kanban or sprints.

Information Technology Student Specialist

Port of Los Angeles

March 2023 – May 2024

Los Angeles, CA

- Automated Microsoft Office patches across 200+ computers using Visual Basic scripts reducing update times by 80%.
- Streamlined application and computer setup process through the implementation of customized batch files and command line operations, resulting in a 30% reduction in overall setup time.

PROJECTS

Ethereum.org Website | TypeScript, Next.js, Chakra UI

January 2024 – February 2024

- Contributed content to the Ethereum.org DeSci and Whitepaper pages fixing 4 issues in 3 pull requests.

Rhaptec Manufacturing Website | React, JavaScript, CSS, Node.js, Express.js

November 2023 – February 2024

- Developed a full-stack web application using React with JavaScript for the front end and Node.js with Express.js on the back end and designed layouts using CSS for a client's manufacturing company.
- Applied JavaScript libraries to handle form data to be sent via email for customer questions and quote inquiries.

Restaurant Page | React, TypeScript, Next.js, Tailwind CSS, PostgreSQL, Vercel

January 2024

- Utilized React libraries and Tailwind CSS to create captivating styles for mobile and desktop.
- Developed a back-end database using PostgreSQL and Vercel to store reservation data.
- Implemented a login system to access and delete reservations in the database using Auth.js, PostgreSQL, and Vercel.

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.
- Wrote and delivered newsletters to 1500+ chapter alumni.