LUCAS AMBERG

github.com/lucas-amberg | lucasamberg.dev | linkedin.com/in/lucasamberg

XXX-XXX-XXXX | lucasamberg@icloud.com

EDUCATION

California State University, Long Beach <div align="right">Long Beach, CA</div>

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 <div align="right">Hatfield, England, UK</div>

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 150+ job posts and 1000+ applicants.

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

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.

Green Field Churrascaria Website | *Next.js, Neo4j, Uix, Panda CSS, Radix UI* *May 2024 – In Progress*

- Leading development and designing system structure for two person contracted website redevelopment.
- Streamlined development using Uix, a Neo4j graph library, allowing for seamless client tracking and reservation system, digitizing a formerly analog reservation system and lowering restaurant operational costs.

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.