

Joseph Croney

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EDUCATION

California Polytechnic State University, San Luis Obispo
Bachelor of Science in Computer Science

Expected May 2028

Relevant Coursework: Data Structures, Systems Programming, Computer Organization, Discrete Structures, Algorithms, Distributed and Parallel Computing, Software Engineering.

PROFILE

Computer Science student with hands-on experience in backend development, cloud infrastructure, and AI-assisted applications. Skilled in AWS serverless architecture, Supabase backend development, and full-stack application design with React and Node.js. Passionate about building scalable tools that solve real-world problems.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C, SQL

Frameworks and Tools: React, Node.js, Express, Git, Linux, VS Code

Cloud and Databases: AWS (Lambda, API Gateway, DynamoDB, Cognito, S3, Bedrock), Supabase

Concepts: REST APIs, Serverless Architecture, Authentication, SQL/NoSQL Databases

PROJECTS

Greek Pay – Financial Management Platform

Oct 2024 – Present

- Founded and developed a financial platform used by Greek organizations for dues, budgeting, and financial reporting.
- Built backend using Supabase (authentication, SQL schema, RLS policies) with Stripe for secure payment workflows.
- Designed responsive frontend in React and deployed production-ready system as Greek Pay LLC.

College HQ – AI-Powered Student Productivity Platform

Dec 2024 – Present

- Created full-stack student productivity platform using AWS Lambda, API Gateway, DynamoDB, and Cognito.
- Integrated Claude Sonnet 4 via Amazon Bedrock to assist with task automation and academic planning.
- Built a clean React interface and deployed cloud-hosted frontend using AWS S3.

EXPERIENCE

Treasurer – Kappa Sigma Fraternity, Cal Poly

Dec 2025 – Present

- Manage chapter finances including budgeting, dues collection, reimbursements, and financial reporting for 120+ members.
- Implement digital systems (including Greek Pay) to improve transparency and streamline operations.

Victory Ranch Golf Club – Golf Operations Assistant

Jul 2025 – Present

- Supported daily golf operations and coordinated member services at a high-end golf facility.
- Strengthened teamwork and problem-solving skills in a fast-paced service environment.

White Pine Touring – Rental Technician and Team Lead

Jun 2021 – Present

- Supervised seasonal staff and managed equipment rentals for outdoor sports operations.
- Maintained technical standards and delivered consistent customer service during peak seasons.

ACTIVITIES

Center for AI and Society (CSAI), Cal Poly

2024 – Present

Engage in AI research discussions and student-led workshops focused on ethical and practical applications of machine learning.