

Joseph Croney

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EDUCATION

California Polytechnic State University, San Luis Obispo B.A. Expected May 2027
Bachelor of Arts in Computer Science
California Polytechnic State University, San Luis Obispo M.A. Expected May 2028
Master of Arts in Computer Science (Blended Program)
Relevant Coursework: Data Structures, Systems Programming, Computer Organization, Discrete Structures, Algorithms, Distributed and Parallel Computing, Software Engineering.

PROFILE

Computer Science student with experience in backend development, cloud-based systems, and AI-driven applications. Skilled in designing and deploying full-stack solutions using modern web technologies and scalable cloud architecture. Passionate about building reliable, user-focused tools that address 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)
Concepts: REST APIs, Serverless Architecture, Authentication, SQL/NoSQL Databases

PROJECTS

Greek Pay – Financial Management Platform Oct 2024 – Present

- Founded and launched a financial operations platform for Greek organizations, supporting dues, budgeting, and financial reporting.
- Developed secure cloud-based backend architecture with authentication, role-based access control, and SQL data workflows; integrated Stripe for payment processing.
- Established Greek Pay as a registered LLC and set up business banking infrastructure to support real financial transactions and operational compliance.

College HQ – AI-Powered Student Productivity Platform Dec 2024 – Present

- Built a full-stack student productivity platform using AWS serverless architecture.
- Integrated Claude models via Amazon Bedrock to power intelligent task automation and academic planning features.
- Developed and deployed a cloud-hosted React frontend using AWS S3 for scalable access.

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.

White Pine Touring – Rental Technician and Team Lead Jun 2021 – Sep 2025

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

Victory Ranch Golf Club – Golf Operations Assistant Jul 2025 – Sep 2025

- Supported daily golf operations and coordinated member services at a high-end golf facility.

ACTIVITIES

Computer Science + Artificial Intelligence (CSAI), Cal Poly 2024 – Present
Engage in AI research discussions and student-led workshops focused on ethical and practical applications of machine learning.