

# Joseph Croney

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## EDUCATION

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

## PROFILE

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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

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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

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Greek Pay – Financial Management Platform	Oct 2024 – Present
<ul style="list-style-type: none"><li>Founded and launched a financial operations platform for Greek organizations, supporting dues, budgeting, and financial reporting.</li><li>Developed secure cloud-based backend architecture with authentication, role-based access control, and SQL data workflows; integrated Stripe for payment processing.</li><li>Established Greek Pay as a registered LLC and set up business banking infrastructure to support real financial transactions and operational compliance.</li></ul>	
College HQ – AI-Powered Student Productivity Platform	Dec 2024 – Present
<ul style="list-style-type: none"><li>Built a full-stack student productivity platform using AWS serverless architecture.</li><li>Integrated Claude models via Amazon Bedrock to power intelligent task automation and academic planning features.</li><li>Developed and deployed a cloud-hosted React frontend using AWS S3 for scalable access.</li></ul>	

## EXPERIENCE

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Treasurer – Kappa Sigma Fraternity, Cal Poly	Dec 2025 – Present
<ul style="list-style-type: none"><li>Manage chapter finances including budgeting, dues collection, reimbursements, and financial reporting for 120+ members.</li><li>Implement digital systems (including Greek Pay) to improve transparency and streamline operations.</li></ul>	
White Pine Touring – Rental Technician and Team Lead	Jun 2021 – Sep 2025
<ul style="list-style-type: none"><li>Supervised seasonal staff and managed equipment rentals for outdoor sports operations.</li><li>Maintained technical standards and delivered consistent customer service during peak seasons.</li></ul>	
Victory Ranch Golf Club – Golf Operations Assistant	Jul 2025 – Sep 2025
<ul style="list-style-type: none"><li>Supported daily golf operations and coordinated member services at a high-end golf facility.</li></ul>	

## ACTIVITIES

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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.	