Joseph Croney

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Objective

Computer Science student at Cal Poly SLO with a strong foundation in software development, cloud infrastructure, and AI tools. Seeking a technical internship where I can contribute to real-world engineering projects and continue building impactful, scalable applications.

Technical Skills

Languages: Java, Python, JavaScript, React, C, Assembly
AWS: Lambda, API Gateway, DynamoDB, S3, Cognito, Bedrock
Tools: Git, GitHub, AWS CLI, Linux, VS Code
Concepts: RESTful APIs, Serverless Architecture, NoSQL Databases, Prompt Engineering, LLM Integration
Certifications: AWS Cloud Practitioner

Projects

College HQ – AI-Powered Student Platform (Dec 2024 – Present)

- Developed full-stack application using AWS Lambda and API Gateway
- Implemented user authentication with AWS Cognito
- Designed NoSQL schema using DynamoDB
- Integrated Amazon Bedrock with Claude Sonnet 4 for AI features and workflows
- Built responsive frontend with React and JavaScript
- Configured S3 cloud storage for static asset delivery and file management

FMM - Fraternity Money Management Platform (May 2025 - Present)

- Developed a full-stack web app to manage fraternity budgets, dues, and member payments
- Built automated reporting and real-time budget tracking to streamline financial oversight
- Used AWS Lambda, API Gateway, and DynamoDB for serverless backend processing
- Frontend built with React; backend powered by Node.js and Express

Education

California Polytechnic State University, San Luis Obispo
> B.S. Computer Science — Expected May 2027
> M.S. Computer Science — Expected May 2028 (Blended Program)

Relevant Coursework: Systems Programming, Data Structures, Computer Organization, Discrete Structures
Planned Coursework: Software Engineering, Algorithms, Database Systems, Operating Systems, Artificial Intelligence, Applied Linear Models.

Experience

Victory Ranch Golf Club – Golf Operations Assistant (Jul 2025 – Present, Park City, UT)

- Coordinate daily operations for premium golf facility
- Manage member services including scheduling and logistics
- Developed strong communication skills in fast-paced environment
- Resolved operational challenges to improve member experience

White Pine Touring – Rental Technician & Team Lead (Jun 2021 – Present, Park City, UT)

- Led rental operations and supervised seasonal staff
- Maintained equipment standards through inspections and maintenance
- Delivered high-quality customer service during peak seasons