

Larry La

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EDUCATION

California State Polytechnic University–Pomona

GPA: 3.67

Bachelor of Science in Computer Science

Graduation Date: Dec 2026

- Relevant Coursework: Software Engineering, Data Structures & Algorithms, Systems Programming, Big Data

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, SQL, HTML/CSS, PowerShell, VBA

Frameworks/Technologies: React, Node.js, Express.js, Django, ASP, REST API, Vitest, PyTest, Jest

Cloud/DevOps: AWS, Azure, Terraform, AWS SAM, Docker, GitHub Actions, GitLab CI/CD

Databases/ORMs: PostgreSQL, Microsoft SQL Server, Microsoft Access, DynamoDB, Prisma, Redis

Tools/Methodologies: VS Code, Visual Studio, Jira, Agile, Git

Certifications: AWS Solutions Architect Associate, AWS Developer Associate, Microsoft Azure Fundamentals

EXPERIENCE

Software Engineer Intern

May 2025 – Present

State Farm Insurance

Remote

- Built a self-service AWS resource request feature within an internal tooling portal using React, Lambda, API Gateway, and DynamoDB, enabling **500+** developers to submit, track, and approve provisioning requests
- Automated compliant provisioning for approved AWS resource requests via an SNS-triggered Lambda deploying pre-configured templates with Service Catalog and Terraform, cutting **~2 hours** of manual setup per request
- Cut CI build times by **50%** migrating the internal tooling portal frontend from CRA to Vite, while adding unit tests for **26** utility functions using Vitest and integrating them into the GitLab CI pipeline for automated testing

Web Development Intern

Aug 2024 – May 2025

Cal Poly Pomona

Pomona, CA

- Built and updated university websites serving **27,000+** students using Cascade CMS with HTML and CSS, ensuring accessibility compliance and supported a new template migration through tutorials for maintainers
- Assisted in maintaining a SQL-based relational CRM database with **250,000+** student records by identifying and correcting inaccurate/corrupted information to ensure accuracy and integrity

Software Engineer Intern

May 2024 – Aug 2024

Desco Industries Inc.

Chino, CA

- Built an ETL pipeline with Access, VBA, and SQL to automate the processing of Japanese distributor sales data by importing, filtering, translating, and exporting it to Navision ERP, reducing processing time by **50%**
- Refactored an employee password reset page in ASP to generate secure temporary passwords, enabling self-service resets on the Intranet for **250+** employees, resulting in a significant decrease in IT tickets for manual resets

Software Engineer Intern

June 2023 – Sept 2023

Metal Toad

Remote

- Developed a Python REST API for a social media platform that automated awarding, activation, and deactivation of user achievement badges for **12,000+** users by leveraging AWS SDK to update JSON data in S3 buckets.
- Spearheaded unit testing initiative for a serverless backend with **50+** AWS Lambda functions, increasing code reliability and test coverage to **72%** by using PyTest and integrating pre-commit hooks into the development cycle

PROJECTS

BitMatch | React, Django, PostgreSQL, Gemini, AWS, Terraform, Github Actions, Docker

[Github](#) | [Live Demo](#)

- A full-stack web application that connects innovators with college students for project collaboration, offering tailored matches and AI-powered feedback to support project and skill development

Icebreak | React, Node.js, Express.js, Prisma ORM, PostgreSQL, Jest, Redis, Expo, Git

[Github](#) | [Live Demo](#)

- A mobile application for college organizations to engage and retain members, providing a central hub for QR code check-ins, event updates, participation tracking, and tools to support member growth

Cloud-Hosted Personal Website | AWS, Javascript, HTML/CSS

[Github](#) | [Live Demo](#)

- A responsive portfolio website built and hosted on AWS with S3, Route 53, CloudFront, and Lambda for tracking site visits and handling contact form submissions with SES