Larry La

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EDUCATION

California State Polytechnic University–Pomona GPA: 3.62
Bachelor of Science in Computer Science *Graduation Date: May 2027*
- 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
Cloud/DevOps: AWS, Azure, Terraform, Docker, GitHub Actions, Git, CI/CD
Databases/ORMs: PostgreSQL, Microsoft SQL Server, Microsoft Access, Prisma
Tools/Methodologies: VS Code, Visual Studio, Jira, Agile
Certifications: AWS Certified Solutions Architect Associate, AWS Certified Cloud Practitioner

EXPERIENCE

Incoming Software Engineer Intern May 2025 – Present
State Farm Insurance *Remote*
- Innovation Group - Summer 2025

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 the new template migration through tutorials for maintainers
- Assisted in maintaining a SQL-based relational CRM database (Slate) 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
- Automated customer contact and mailing list updates within Microsoft 365 by creating PowerShell scripts that pull update requests daily from an SQL database, saving **10 hours annually** by eliminating manual IT tasks

Software Engineer Intern June 2023 – Sept 2023
Metal Toad *Remote*
- Developed a Python REST API for RPGMatch, automating the awarding, activation, and deactivation of user achievement badges on the platform by using the AWS SDK to update JSON data in S3 buckets
- Identified, troubleshot, and resolved production-level bugs to ensure timely hotfix delivery for **12,000+** users on the RPGMatch platform by leveraging AWS Lambda and CloudWatch Logs
- Detected early-stage development bugs and improved code quality by spearheading the RPGMatch API unit testing initiative, achieving **72%** coverage with PyTest, and integrating pre-commit hooks into the CI/CD pipeline
- Leveraged Terraform to provision AWS Lambda functions and API Gateway endpoints as infrastructure as code

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