

# Larry La

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## EDUCATION

### California State Polytechnic University–Pomona

Pomona, CA

*Bachelor of Science in Computer Science*

*Aug. 2023 – May 2027*

- Freshman – Relevant Coursework: Discrete Math, Calculus I

### Rosemead High School

Rosemead, CA

*High School Diploma*

*Aug. 2019 – June 2023*

- GPA: 3.9 - Relevant Coursework: Introduction to Systems Programming, Introduction to Cloud Computing with DevOps

### Pasadena City College

Pasadena, CA

*Dual Enrollment HS Student*

*Jun. 2022 – May. 2023*

- GPA: 4.0 - Relevant Coursework: Introduction to Python Programming, Introduction to Information Systems

## WORK EXPERIENCE

### Software Engineer Intern

June 2023 – September 2023

*Metal Toad*

*Remote*

- Developed a Python REST API with AWS Lambda and Terraform for dynamic JSON data manipulation and retrieval in S3 buckets, following infrastructure-as-code (IaC) principles for efficient resource management and reproducibility.
- Leveraged AWS Lambda, CloudWatch Logs, and API Gateway to proactively identify, troubleshoot, and promptly resolve production-level bugs, ensuring uninterrupted service and timely hotfix delivery.
- Spearheaded the RPGMatch project's API unit testing effort utilizing PyTest, resulting in a comprehensive project coverage increase from 0% to 72% while also authoring documentation for enhanced project sustainability.
- Accelerated backend development for RPGMatch, a web application, through continuous collaborative contributions within an Agile software engineering environment.

## PROJECTS

### Cloud-Hosted Personal Website 🌐 | *AWS, Javascript, HTML/CSS, Git*

November 2023 – Present

- Engineered a responsive static site utilizing Javascript, and HTML/CSS to take on the Cloud Resume Challenge.
- Hosted the static website on AWS, leveraging S3 for efficient storage and CloudFront for content delivery, ensuring optimal performance and low-latency access.
- Leveraged Route 53 for secure and efficient domain management, ensuring a seamless connection between the static website and its associated web address.

### Icebreak 🌐 | *NodeJS, ExpressJS, Prisma ORM, PostgreSQL, Jest, Git*

September 2023 – Present

- Contribute to the ongoing backend development of Cal Poly Pomona Software Engineering Association's initiative, Icebreak—a platform fostering organization-member interaction via a central hub for real-time event updates, and growth incentives.
- Developed robust CRUD API routes for organizations utilizing Express.js, leveraging Prisma ORM to seamlessly interact with PostgreSQL, ensuring efficient data management and retrieval.
- Utilized Jest, and Prisma Mock to develop thorough unit tests ensuring the quality, and reliability of API routes.

## CERTIFICATIONS

**AWS Certified Cloud Practitioner** | *Amazon Web Services*

Expires: August 2026

**Web Development 101 Certificate Of Completion** | *CodePath*

November 2023

**Certificate of Pre-Apprenticeship in Information Technology** | *California (DAS) / Kollab Youth*

June 2023

## TECHNICAL SKILLS

**Programming Languages:** Python, Javascript, HTML/CSS

**Frameworks/Libraries:** NodeJS, ExpressJS, Boto3, PyTest, Jest, Prisma ORM, PostgreSQL

**Tools/Methodologies:** AWS, Agile/Scrum, Jira, Github, Git, Slack, VS Code

**Soft Skills:** Problem-Solving, Communication, Teamwork, Punctuality, Time-Management, Detail-Oriented, Leadership