

Jayleen Li

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University of California, Santa Barbara

Bachelor of Computer Science

Sep 2017 – Jun 2021

Dean's Engineering Honors | College of Engineering Honors Scholar

TECHNICAL SKILLS

Proficient: Python, Java, JavaScript, TypeScript, Ruby, SQL, HTML/CSS, BASH
Experienced: Flask, React, GCP, AWS, Android, PHP, AngularJS, REST, Node.js, NoSQL

WORK EXPERIENCE

Palo Alto Networks

Aug 2021 – Present

Prisma Access Software Engineer – Santa Clara, CA

- Revamped previous notification and alert email microservice to GCP pub/sub, BigQuery and CloudSQL model, end to end.
- Created internal SRE notification APIs and developed automated testing for notification microservice.
- Automated cloud database migration into microservice and automated confluence documentation process to facilitate team workflow.
- Developed customer-facing APIs for security wifi product Okyo and added tool to auto create BigQuery SQL statements.
- Lead and designed alert and incident customer notification profile project end to end and developed the backend in Java, and GCP (CloudSQL, BQ and pub/sub). Architected the technical design spec discussions and presented feature to broader teams.
- Improved CI/CD by adding deployment and application verification for 55+ dataflow repos and 15+ GKE container repos.
- Drove certificate validation for all backend infrastructure API Gateway endpoints as part of FedRAMP High development.
- Served as a “buddy” for interns on our team and guided them with mentorship in professional development.
- Organized PANW's LGBTQIA+ Pride events, attended conference on behalf of PANW, and helped with tech recruiting events.

University of California Santa Barbara

Jan 2021 – June 2021

Undergraduate Learning Assistant (part time), CS148 & CS156 – Santa Barbara, CA

- Learning Assistant for upper division project based courses on software development practices and application development
- Taught a lecture on web technologies and frameworks for students. Mentored students on course projects. Tech stacks ranged from: Python, Flask, React, JavaScript, MongoDB, Firebase, Springboot Java.

Cisco Meraki

Sep 2020 – Dec 2020

CNG Technical Full-Stack Intern – San Francisco, CA

- Built cellular usage trackers and dashboard graphs for Meraki's cellular gateway devices using Ruby, React, and Scala.
- Integrated new API endpoints for tracking cellular usage data and researched into a telemetry patent.

Palo Alto Networks

Jun 2020 – Sep 2020

Prisma Access Software Engineer Intern – Santa Clara, CA

- Built a distributed framework in Python and AWS to remotely run diagnostic commands on cloud firewalls and collect system info.
- Placed 2nd out of 50+ teams at PANW's internal hackathon by developing an application to create awareness on publicly available information on social media that could be maliciously used in a social engineering attack.

ADTRAN Inc.

Aug 2019 – Dec 2019

Software Engineering Intern(Part Time) – Santa Barbara, CA

- Designed an Apache Python Flask app for 25+ service providers to edit router manifest files with version control on the cloud.

Looker (Acquired by Google Cloud)

Jun 2019 – Aug 2019

Software Engineering Intern – Santa Cruz, CA

- Developed a customized REST URL system for company's data analytic dashboards in Ruby, SQL, React and TypeScript.
- Built the foundations for a Pocket Edition Android app in Java at an internal hackathon to show personal and shared dashboards.
- Created unit tests for new endpoints and fixed Ruby SQL injection vulnerabilities in an Agile environment.

SmartRG

Feb 2018 – Sep 2018

Software Development Intern – Santa Barbara, CA

- Created automatic language localization with BASH and Python scripts for SmartRG's User Interface in 20+ new languages.
- Established a unique network packet interface to monitor real-time WiFi traffic status with AngularJS.

PROJECTS

Compurator

Jan 2020 – Mar 2020

- Led team based project to create an AWS serverless React application that compares laptops through a browser extension.

Full project list and additional information on [Github](#) | [Personal Site](#)

LEADERSHIP

SB Hacks, Co-director and Sponsorship Team Lead

Feb 2019–Apr 2021

- Co-directed the 17 person team and lead sponsorship strategies of \$40k+ budget for SB Hacks, an 400-person hackathon at UCSB.
- Led the judging process, planned out the logistics, and coordinated marketing for SB Hacks VI in 2020.
- Developed internal management tools in Python and developed the application website with Node.js (sbhacks.com).

AWARDS

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| • <i>QWER Hacks: Best Hardware Hack</i> | 2021 | • <i>IEEE AI Hacks: First Place Winner</i> | 2019 |
| • <i>oSTEM National Conference Hackathon: 1st Place</i> | 2020 | • <i>SLO Hacks: Best Web Domain and Best Game Design</i> | 2019 |
| • <i>Palo Alto Networks internal hackathon: 2nd Place</i> | 2020 | • <i>CodeDay Dallas Hackathon: 1st Place Overall</i> | 2016 |