

# Jayleen Li

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**University of California, Santa Barbara**

*Bachelor of Science, Computer Science*

**Sep 2017 – Jun 2021**

Dean's Engineering Honors | College of Engineering Honors

## TECHNICAL SKILLS

- ❖ Python, Java, C++, JavaScript, React.js, Ruby on Rails, SQL, NoSQL, Scala, Clickhouse
- ❖ GCP, AWS, Firebase, MongoDB, REST, Kafka, Terraform, Docker, Kubernetes, BASH, Linux, Git, CI/CD

## WORK EXPERIENCE

**Cisco Meraki, Full Stack Software Engineer – San Francisco, CA**

**Feb 2023 – Present**

- Lead Engineer for “Active Testing” project which will proactively detect any network issues in a device.
- Built out sections of Assurance page, which is an overview of varying metrics of all Meraki hardware products within a network and assigns a score based on the metrics. Debugged scaling issues with the wireless, wired, and remote network health scoring pipelines with the release of this new customer product as it rolled out to customer networks.
- Developed endpoints for metrics such as: latency, authentication, association, DHCP/IP assignment, VPN tunnel establishment at the client, network and organization level. Part of the effort to move data processing to ClickHouse.
- Added new alerts on poor ethernet link negotiation and beacon missing for access points.
- Closely mentored a summer intern for a new alert and troubleshooting workflow for low power mode on Access Points.
- Contributed to the onboarding process of two senior engineers on our team.
- Participated in engineering events: Extractathon – code quality cleanup, Muleolympics – bug hackathon, team onsite
- Taught Cisco's NetAcademy Cybersecurity course at San Jose City College. Tabled at SF LWT Conference. Attended GHC, Defcon, and RailsConf with Cisco. Presented a Cloud IAM Security talk at Cisco's WiCS Summit.

Technologies: Ruby on Rails, Scala, SQL, ClickHouse, React

**Palo Alto Networks, Prisma Access Software Engineer – Santa Clara, CA**

**Aug 2021 – Feb 2023**

- Revamped notification and alert email microservice end to end to new GCP/Python stack with additional support for internal SRE notifications and automated testing.
- Lead and designed alert and incident customer notification profile service end to end in Java and GCP. Architected the technical design spec discussions and presented features to broader UI, PM, and QA teams.
- Automated database migration into microservice used by 70+ engineers org wide. Improved CI/CD by adding deployment and application verification for 55+ dataflow repos and 15+ GKE container repos.
- Optimized AWS authorizer latency from >1700ms to ~12ms. Authorizer is invoked 80M times daily, cut cloud costs by 43%. Enable IAM auth policies to all 230+ AWS lambda functions following zero trust methods for FedRAMP IL5.
- Drove SSL certificate validation for all 152+ AWS API Gateway infrastructure endpoints for FedRAMP High compliance.
- Broke certificate management monolith to microservice. Developed customer-facing APIs for security wifi product Okyo.
- Filed a patent (US 20240154986) for a social engineering security awareness product.
- Mentored interns on our team and guided them with mentorship in professional development.
- Organized PANW's LGBTQIA+ Pride events, attended LWT conference and paneled some tech recruiting events.

Technologies: Python, Java, SQL, AWS, GCP, SQL, Kubernetes, Docker

**University of California Santa Barbara, Undergraduate Learning Assistant - CS148 & CS156**

**Jan 2021 – June 2021**

- Mentored students for upper division project courses on software development practices and application development.
- Taught a lecture and hosted class sections on web technologies and frameworks for the 6 student project groups.

Technologies: Python, Flask, React, JavaScript, MongoDB, Firebase, Springboot Java

**Cisco Meraki, Full-Stack Intern – San Francisco, CA**

**Sep 2020 – Dec 2020**

- Built cellular usage trackers and graphs for Meraki's cellular gateway devices. Optimized cellular packet collection from 30s to 5s. Integrated new API endpoints for tracking cellular usage data and documented research for a telemetry patent.

Technologies: Ruby on Rails, React, Scala

**Palo Alto Networks, Prisma Access Software Engineer Intern – Santa Clara, CA**

**Jun 2020 – Sep 2020**

- Built a distributed system framework 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 educational social engineering application.

Technologies: Python, AWS

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

**Aug 2019 – Dec 2019**

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

Technologies: Python, Flask

**Looker (Acquired by Google Cloud), Software Engineering Intern – Santa Cruz, CA**

**Jun 2019 – Aug 2019**

- Developed a customized REST URL system for the company's data analytic dashboards.
- Built the foundations for a Pocket Edition Android app at an internal hackathon to show personal and shared dashboards.

Technologies: Ruby, SQL, React, TypeScript, Android, Java

## **SmartRG, Software Development Intern – Santa Barbara, CA**

**Feb 2018 – Sep 2018**

- Created automatic language localization and established an interface to monitor WiFi traffic.

Technologies: Python, BASH, AngularJS, JQuery

## **PROJECTS & LEADERSHIP**

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### **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 contributed to the Node.js website (sbhacks.com).

*Additional information and full project list on [Personal Site](#) | [Github](#)*