Jayleen Li

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University of California, Santa Barbara	**Sep 2017 – Jun 2021**

Bachelor of Computer Science
Dean's Engineering Honors | College of Engineering Honors Scholar

TECHNICAL SKILLS

- ❖ Python, Java, C++, JavaScript, React.js, Node.js, Ruby on Rails, SQL, PostgreSQL, NoSQL, HTML/CSS
- ❖ GCP, AWS, Firebase, MongoDB, REST, Docker, Kubernetes, Android, BASH

WORK EXPERIENCE

Palo Alto Networks, Prisma Access Software Engineer – Santa Clara, CA   **Aug 2021 – Present**
- Revamped notification and alert email microservice end to end to Python, GCP pub/sub, BigQuery, CloudSQL, Kubernetes.
- 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 in Java and GCP. 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 AWS API Gateway infrastructure endpoints as part of FedRAMP High development.
- Optimized AWS authorizer infrastructure module latency from >1700ms to ~12ms. Authorizer is invoked 80M times daily.
- Filed an internal patent for a security awareness product. Awaiting approval from US government.
- Mentored 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.
- **Technologies:** *Python, Java, GCP, SQL, Kubernetes, Docker, AWS*

University of California Santa Barbara, Undergraduate Learning Assistant - CS148 & CS156   **Jan 2021 – June 2021**
- Mentored students for upper division project based courses on software development practices and application development.
- Lead a lecture and sections on web technologies and frameworks for students.
- **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 dashboard graphs for Meraki's cellular gateway devices.
- Integrated new API endpoints for tracking cellular usage data and researched into a telemetry patent.
- **Technologies:** *Ruby, React, Scala*

Palo Alto Networks, Prisma Access Software Engineer Intern – Santa Clara, CA   **Jun 2020 –Sep 2020**
- Built a distributed 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 application to create awareness on publicly available information on social media that could be maliciously used in a social engineering attack.
- **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 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*

PROJECTS

Compurator   **Jan 2020 – Mar 2020**
- Led team project to create an AWS serverless React/Python 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

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