

# Jayleen Li

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**Objective: Seeking a full-time backend software engineering position starting in June 2021.**

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## EDUCATION

### University of California, Santa Barbara

Bachelor of Computer Science

Sep 2017 – Jun 2021

Dean's Engineering Honors | College of Engineering Honors Scholar

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## TECHNICAL SKILLS

**Proficient:** Java, Python, C++, JavaScript, TypeScript, Ruby, SQL, HTML/CSS, BASH

**Experienced:** Flask, React, AWS, PHP, Node.js, JSON, NoSQL(Firebase, MongoDB, DynamoDB)

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## WORK EXPERIENCE

### Cisco Meraki

Sep 2020 – Dec 2020

Incoming CNG Technical Full-Stack Intern – San Francisco, CA

### Palo Alto Networks

Jun 2020 – Sep 2020

Prisma Access Software Engineer Intern – Santa Clara, CA

- Built a framework in Python and AWS for customers to remotely run diagnostic commands on cloud firewalls and collect system info.
- Implemented a distributed system protocol between multiple firewalls to ensure non-conflicting aggregated output.
- Placed 2<sup>nd</sup> out of 50+ teams at PANW's internal hackathon in 2020 by developing an application to bring 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 by creating new endpoints, restructuring the dashboard database and creating new React modules.
- 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.
- Prepared technical documentation in JIRA for future employees to continue using the scripts.
- Established a unique network packet interface to monitor real-time WiFi traffic status with Angular, JavaScript and CloudShark.

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## PROJECTS

### Compurator

Jan 2020 – Mar 2020

- Led the project team to create an AWS-deployed serverless React application that compares laptops through a web extension.
- Developed the backend REST lambda endpoints with Python and MongoDB to store web scraped laptop metadata and user data.

### EEG Classification

Feb 2019 – Jun 2019

Undergraduate Research Assistant at Four Eyes Lab, UCSB – Santa Barbara, CA

- Worked with PhD students on a deep learning Python model of the relationship between electroencephalograms(EEG) and human computer interaction. A paper on the project was submitted to CHI 2020.

### Type Type Revolution

Jan 2020 – Mar 2020

- Created a battle royale multiplayer typing game written in JavaScript, Firebase, and HTML/CSS at SLO Hacks.
- Developed backend database structure, matchmaking and game timer algorithms for the server-less web application.

Additional projects on [Github](#) / [Personal Site](#)

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## LEADERSHIP & AFFILIATIONS

### SB Hacks

Feb 2019 – Present

Sponsorship Team Lead and Organizer – Santa Barbara, CA

- Directed our sponsorship strategies to manage the \$40k+ budget for SB Hacks, an annual 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 fixed the application website with Node.js and HTML/CSS ([sbhacks.com](https://sbhacks.com)).

### Society of Asian Scientists and Engineers (SASE)

Sep 2017 – Jun 2018

Webmaster Chair and Programming Committee Member – Santa Barbara, CA

- Developed the website([saseucsb.com](https://saseucsb.com)) and organized the 2018 SASE Regional West conference of 200+ university students.

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## AWARDS

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| • Palo Alto Networks internal hackathon: 2 <sup>nd</sup> Place | 2020 | • BPA: Java Programming State Qualifier       | 2016, 2017 |
| • IEEE AI Hacks: First Place Winner                            | 2019 | • CodeDay Dallas Hackathon: 1st Place Overall | 2016       |
| • SLO Hacks: Best Web Domain and Best Game Design              | 2019 | • IBM Master the Mainframe: Level One Winner  | 2016, 2017 |