

# Jayleen Li

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

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

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## WORK EXPERIENCE

### *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 started research into a telemetry patent.

### *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

- Developed backend database and matchmaking algorithms for the server-less web game in JavaScript and Firebase at SLO Hacks.

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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|--|------|---|------------|
| • QWER Hacks: Best Hardware Hack                               | 2021 | • SLO Hacks: Best Web Domain and Best Game Design | 2019       |
| • oSTEM National Conference Hackathon: 1 <sup>st</sup> Place   | 2020 | • BPA: Java Programming State Qualifier           | 2016, 2017 |
| • Palo Alto Networks internal hackathon: 2 <sup>nd</sup> Place | 2020 | • CodeDay Dallas Hackathon: 1st Place Overall     | 2016       |
| • IEEE AI Hacks: First Place Winner                            | 2019 | • IBM Master the Mainframe: Level One Winner      | 2016, 2017 |

