

# Jayleen Li (CV is work in progress)

☎ (214)335-4913 | ✉ [jayleenli17@gmail.com](mailto:jayleenli17@gmail.com) | [in linkedin.com/in/jayleen-li](https://www.linkedin.com/in/jayleen-li) | [github.com/jayleenli](https://github.com/jayleenli) | [jayleenli.github.io/](https://jayleenli.github.io/)

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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

### *Palo Alto Networks*

Aug 2021

#### Incoming Prisma Access Software Engineer – Santa Clara, CA

### *University of California Santa Barbara*

Mar 2021 – June 2021

#### Undergraduate Learning Assistant (part time) – Santa Barbara, CA

- Assistant for CS148, where students learn about software development practices while also building a self-guided project together.
- Taught a lecture on web technologies and frameworks for students.

### *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

### *AR Sandbox Aquarium*

Feb 2021 – Mar 2021

- Researched into 2D images to 3D object model conversion and created an Android app that lets users take their 2D fish drawings and convert them into 3D models in real time to place in their room in augmented reality.

### *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 – Apr 2021

#### 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)).

Webmaster Chair and Programming Committee Member – Santa Barbara, CA

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

**HOSTED ORKSHOPS & SPEAKING EVENTS**

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• <i>Womxn Hacks 3.0: Intro to Android</i>	Apr 2021	• <i>SB Hacks: Intro to Web Apps</i>	Nov 2020
• <i>SB Hacks VII: Opening &amp; Closing Ceremony</i>	Jan 2021	• <i>Helloo Hacks: Speaker</i>	Aug 2020
• <i>SB Hacks VII: Intro to HTMLCSS/JavaScript</i>	Jan 2021	• <i>Emerging Alternative Internet: Student Panelist</i>	Jan 2021
• <i>SB Hacks VII : Intro to APIs</i>	Jan 2021	• <i>Coders SB Panelist</i>	Oct 2019, Oct 2020
• <i>SB Hacks VII: Intro to Hackathons</i>	Jan 2021		

**AWARDS**

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