Jayleen Li (cv is work in progress)

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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

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)

WORK EXPERIENCE

Palo Alto Networks   **Aug 2021**
Incoming Prisma Access Software Engineer – Santa Clara, CA

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 2nd 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.

PROJECTS

AR Sandbox Aquarium   **Feb 2021 – Present**
- 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

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).

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) and organized the 2018 SASE Regional West conference of 200+ university students.

AWARDS

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