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

TECHNICAL SKILLS

Programming Languages:	Java, Python, C++, JavaScript, TypeScript, Ruby, SQL, HTML & CSS, BASH
Technologies/Tools:	Flask, Angular, React.js, PHP, JSON, Firebase, MongoDB, Apache

WORK EXPERIENCE

Palo Alto Networks   **Jun 2020 – Sep 2020**

Incoming Prisma Access Software Engineer Intern – Santa Clara, CA

ADTRAN Inc.   **Aug 2019 – Dec 2019**

Software Engineering Intern – Santa Barbara, CA

- Designed and developed a Python Flask application hosted on Apache to give 25+ service providers the ability to upload, edit, and create version control of router manifest files through cloud services.

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, React and TypeScript by creating new endpoints and restructuring the dashboard database.
- Designed the foundations for a Pocket Edition Android app 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 status of WiFi traffic with AngularJS and CloudShark.

PROJECTS

Compurator   **Jan 2020 – Present**

- Project lead to create an AWS-deployed serverless React application that compares laptops to each other 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 model of the relationship between electroencephalograms(EEG) graphs and human computer interaction. A paper on the project was submitted to CHI 2020.
- Applied Fast Fourier Transformations on EEG data to feed into the machine learning model in Python.

Type-Type-Revolution   **Feb 2019**

- Led a team of four to develop Type-Type-Revolution, a web-based multiplayer typing game created with HTML, JavaScript and Firebase at *SLO Hacks 2019*. The game won Best Website Domain and Best Game Design at the hackathon.

Additional projects on Github | Personal Site

LEADERSHIP & AFFILIATIONS

SB Hacks   **Apr 2019 – Present**

Lead Coordinator and Developer – Santa Barbara, CA

- Actively built relationships with company sponsors and managed the $40k+ budget for the annual 400-person hackathon at UCSB.
- Lead the judging process, planned out the logistics, and coordinated marketing for SB Hacks VI.
- Developed landing page and application website for hackers to submit applications and check for acceptance status (sbhacks.com).

Wired Hacks (Hosted by Theta Tau and IEEE)   **Dec 2017 – Feb 2018**

Organizer and Web Developer – Santa Barbara, CA

- Founding team organizer and website developer for the first-ever hardware hackathon at UCSB, *Wired Hacks.*

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

IEEE AI Hacks 2019: First Place Winner	2019
SLO Hacks 2019: Best Website Domain and Best Game Design	2019
Business Professionals of America: Java Programming Two-time State Qualifier	2016, 2017
CodeDay Dallas Hackathon: 1st Place Overall	2016
IBM Master the Mainframe: Two-time Level One Winner	2016, 2017