

Jayleen Li

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EDUCATION

University of California, Santa Barbara

Bachelor of Computer Science

Jun 2021

Dean's Engineering Honors | College of Engineering Honors Scholar

Relevant Coursework: CS 130A Data Structures and Algorithms, CS 64 Computer Organization and Logic Design

TECHNICAL SKILLS

Experienced in: C++, Python, Java, JavaScript, BASH, UNIX Script, PHP, C#, SQL, Linux Systems
Web Technologies: AngularJS, HTML5, CSS, AJAX, JSON, Node.js, Chrome Extensions

WORK EXPERIENCE

SmartRG

Feb 2018 – Sep 2018

Software Development Intern

- Developed automatic language localization for SmartRG's User Interface in 20+ new languages with Python, BASH, and Google Translate API.
- The project was successfully rolled into production and made a major contribution in SmartRG's global expansion.
- Prepared technical documentation in JIRA for the language localization project.
- Established a unique network packet interface to monitor real-time status of WiFi traffic using AngularJS and CloudShark.
- Produced and released customized firmware for service providers based on client preferences.

PROJECTS

EEG Classification

Feb 2019 – Present

Undergraduate Research Assistant at Four Eyes Lab, UCSB

- Worked with PyTorch and TensorFlow to create a deep learning model on electroencephalograms to predict human action.

Genre-ator

Jan 2019

Application Developer

- Collaborated with three team members to create a research-oriented Machine Learning platform for genre to genre conversion for music at UCSB's yearly hackathon, *SB Hacks V*.
- Integrated Google Cloud Platform's Machine Learning Engine and was hosted with a Python Flask Framework and Node.js.

Type-Type-Revolution

Feb 2019

Application Developer

- Led a team of four to develop Type-Type-Revolution, a web-based multiplayer typing game written in JavaScript and Google's Firebase API at *SLO Hacks 2019*. The game won Best Website Domain and Best Game Design at the hackathon.

Ideabl

Feb 2017

Co-founder and Backend Developer

- Led a team of three to create a DIY social media website using HTML, CSS, JavaScript, MySQL and PHP. The website is compatible across different platforms, such as Chrome, IE, and mobile. Placed 8th out of 250 teams at the national level.

AFFILIATIONS

Womxn/Hacks 2019

Jan 2019

Mentor

- Mentored beginner level hackers in Git, Linux, JavaScript and web development at UCSB's all women-identifying hackathon.

Wired Hacks

Dec 2017 – Feb 2018

Organizer and Web Developer

- Founding team member to host the first-ever hardware hackathon at UCSB, *Wired Hacks*, hosted by Theta Tau and the Institute of Electrical and Electronics Engineers (IEEE).
- Created the webpage (wiredhackssb.com) to connect and inform students about Wired Hacks.

Society of Asian Scientists and Engineers (SASE)

Sep 2017 – Present

Webmaster Chair and Programming Committee Member (Oct 2017- Jun 2018)

- Webmaster chair for SASE's website (saseucsb.com) and member of the programming committee that organized the 2018 SASE Regional West conference which hosted 200+ university students.

Society of Women Engineers (SWE)

Sep 2017 – Present

Industry Committee Member (Nov 2017- Feb 2018)

- Part of the committee that hosts *Evening with Industry*, a paneling event for engineering companies.

AWARDS

- *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