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

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 under PhD students in the lab to create a deep learning model on electroencephalograms(eeg) to predict human action.
- Applied Fast Fourier Transformations on eeg data to feed into the machine learning model in Python.

Mineyeeter **Feb 2017**
Co-creator and Developer
- Worked with a team of four to create multiplayer web VR game using A-frame in HTML, JavaScript, and Google's Firebase API.
- Implemented the physics system in VR and game logic for the Minesweeper inspired game.

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 Firebase API at *SLO Hacks 2019*. The game won Best Website Domain and Best Game Design at the hackathon.

Genre-ator **Jan 2019**
Application Developer
- Collaborated with three team members to create a research-oriented Machine Learning platform for genre to genre music conversion 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.

AFFILIATIONS

SB Hacks **Apr 2019 – Present**
Lead Logistics Coordinator
- Assisted in coordination of logistical aspects for our 300+ person annual hackathon at UCSB.
- Helped coordinate budget and assist with gathering sponsors for our event.

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