

# Jessalyn Wang

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## EDUCATION

### University of California, Santa Cruz

Sept. 2019 - Present

- Major: Computer Science
- GPA: 4.0
- Club affiliation(s): NeuroTech, SASE

## EMPLOYMENT

### Programming Abstractions in Python (CSE30), Tutor

Jan. 2020 - Jun. 2020

- Held tutoring sessions for a group of roughly 10 - 15 students enrolled in UCSC's CSE30 course
- Topics taught include data structures, sparse arrays, stream averages and motion detection, expressions as trees and classes, machine learning, graphs, turtle graphics, PyOpenGL, and SAT solving

### Lifeguard/Swim Coach

May 2019 - Aug 2019

- Worked as a team with other lifeguards to maintain pool safety and save lives
- Increased awareness for water safety and aided instructors in teaching children to swim
- Coached the community swim team (affiliated with the LA84 foundation)
- CPR and Lifeguard certified until Feb. 2021

## EXTRACURRICULARS

### College Scholars Program

Mar. 2020 - Present

- Program for outstanding students that aims to challenge the students as explore opportunities such as undergraduate research
- Taking a research seminar course on using data analysis to predict human behavior

### Hospital volunteer

Nov. 2017 - Jun. 2019

- Assisted nurses by organizing paperwork, cleaning machinery, and replenishing supplies
- Comforted patients and family by engaging in conversation and providing amenities
- Collected data for the hospital by administering surveys on satisfaction of care, and also ran the hospital gift shop

### Leader-in-training

Jun. 2015 - Aug. 2017

- Volunteered as a leader-in-training for the recreation program in the city of Arcadia
- Lead children through various activities in a summer camp, helped organize events for the community such as concerts and movie nights

## LEADERSHIP

### Machine Learning Team Representative of NeuroTech Club

Aug. 2020 -

Present

- Currently collaborating with team members to design model architecture that can implement speech-to-text esq functionality from subvocalized speech.
- Representative responsibilities include communicating with the club officers and other teams to track progress, assigning tasks, and developing a detailed timeline of events

### President of Film Club

Aug. 2016 - Jun. 2019

- President of Arcadia High School's film club
- Organized and hosted an annual film festival that gathered and showcased the talents of young filmmakers

## RELEVANT COURSEWORK

AP Chemistry | AP Biology | AP Statistics | AP Calculus BC | AP Computer Science | Vector Calculus | Discrete Math | Computer Systems and Assembly Language | Programming Abstractions in Python | C Programming and Embedded Systems | Linear Algebra | Microeconomics

## SKILLS

*Software:* Java | Python | C/C++ | MIPS assembly language | MATLAB | HTML | CSS | Javascript | Twitter Bootstrap | PyTorch  
*Language:* English (fluent), Chinese (listening/speaking), Spanish (3 years of schooling)

## AWARDS/HONORS

Dean's List: Fall 2019, Winter 2020, Spring 2020