

Jessalyn Wang

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EDUCATION

University of California, Santa Cruz

Sept. 2019 - Present

- Major: Computer Science, BS
- GPA: 4.0
- Club affiliation(s): NeuroTech (Machine Learning Team Representative), SASE, College Scholars Program

WORK EXPERIENCE

Group Tutor, UCSC

Jan. 2020 - Jun. 2020

- Held tutoring sessions for a group of roughly 15 - 25 students enrolled in UCSC's CSE30 course
- Taught 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, City of Pasadena

May 2019 - Aug 2019

- Coordinated with a team of 7 lifeguards to maintain pool safety and increase awareness of safe water habits
- Aided certified instructors in teaching children to swim
- Coached the community swim team (affiliated with the LA84 foundation)

LEADERSHIP

Machine Learning Team Representative of NeuroTech Club

Aug. 2020 - Present

- Collaborate with team members to design model architecture that can implement speech-to-text functionality from subvocalized speech.
- Communicate with the club officers and other teams to seamlessly mesh software and hardware into one device
- Direct a team of 5 people by establishing deadlines, assigning tasks, following up on progress, and developing a detailed timeline of events

President of Film Club

Aug. 2016 - Jun. 2019

- President of Arcadia High School's film club
- Lead weekly meetings for roughly 20 people to discuss and watch films
- Organized an annual film festival that gathered and showcased the talents of young filmmakers

OTHER EXPERIENCE

Web Developer (Personal Projects)

Aug. 2018 - Present

- Utilize HTML, JavaScript, and CSS to build websites for personal projects
- Develop RESTful websites hosted with Amazon Web Services (AWS)
- Personal website: <https://jessalynwang.github.io>

Methodist 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

Arcadia Recreation Volunteer

Jun. 2015 - Sept. 2017

- Volunteered as Leader-in-training for the City of Arcadia's recreation department
- Lead over 50 children through activities in summer camps hosted at local elementary schools
- Collaborated with roughly 15 other volunteers to host weekly community concerts and movies with over 150 attendees

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 | MATLAB | HTML | CSS | Javascript | Twitter Bootstrap | PyTorch | Deep Learning | React
Certifications: Neural Networks and Deep Learning (Coursera, no expiration date), Lifeguard Certification (Red Cross, expires 02/2021)

AWARDS/HONORS

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