

WASHINGTON Z. ZHAO

Los Angeles, CA • (301) 758-5265 • washingz@usc.edu • <https://washingtonzhao.github.io>

EDUCATION

University of Southern California – Los Angeles, California

Viterbi School of Engineering: *Pursuing Bachelor of Science in Computer Science*

Cumulative GPA: 3.91/4.0

Expected May 2022

Thomas S. Wootton High School – Rockville, Maryland

High School Diploma

SAT: 1530 | Math II SAT: 800

May 2018

WORK EXPERIENCE

ARTSop

Software Engineer Intern

Los Angeles, California

January 2019-Present

- Utilized Python to create a backend database for use to collect collections of artwork.
- Set up Elasticsearch database alongside SQLALchemy for streamlined user search process

Guangdong University of Foreign Studies

Camp Instructor

Guangdong, China

July 2018 – Aug. 2018

- Mentored 100 middle and high school local students in public speaking, research, teamwork, and argumentation

U.S. Food and Drug Administration

Student Researcher/Intern

White Oak, Maryland

June 2017 – Sept. 2017

- Worked in 3-person team to investigate and validate new protocol for surgical device reprocessing to prevent future outbreak of disease (with presently over 2 million annual infections)
- Presented research poster at Office of Science and Engineering Laboratories to over 100 managers and attendees

Child Poverty Research Institute

Legislation Analyst

Los Angeles, California (Remote)

June 2017 – Aug. 2017

- Analyzed opposing political viewpoints on active house legislation and summarized findings in 10-page reports
- Managed multiple ongoing projects and practiced time management, met deadlines, and directed research

LEADERSHIP EXPERIENCE

Competitive Speech and Debate Team

Captain— Top 5% of Debaters Nationally

Rockville, Maryland

Feb. 2016 – June 2018

- Led team of over 200 debaters of all ages to excel in nationwide debate competitions on current events
- Implemented more effective promotional and organizational methods to increase club membership, attendance, and event participation by 15%.
- Oversaw research efforts and competition logistics to result in team's most successful season

Varsity Ultimate Frisbee Team

USC Lockdown Social Chair

Los Angeles California

September 2016 - Present

- Helped organize local Tournament to gain recognition for the competitive sport.
- Contributed to the growth and development of high school Ultimate Frisbee program as scoring leader and co-captain as well as 25 college teammates in the pursuit of College Nationals.

COMMUNITY INVOLVEMENT

Family Services Inc.

Academic Tutor

Gaithersburg, Maryland

June 2017 – Aug. 2017

- Tutor middle school students from under-privileged communities in core school subjects (an area with 15% poverty rate – almost triple rate of surrounding communities)

Community Pool Services

CPR Certified Lifeguard

Gaithersburg, Maryland

May 2016 – Aug. 2016

- Managed team of lifeguards to maintain pool quality and ensure safety of patrons
- Developed skills in effective operational management skills, communication, patience, and mentorship

SKILLS, ACTIVITIES, AND INTERESTS

Technical Skills and Languages: C++ (Advanced), Python (Intermediate), HTML/CSS(Intermediate), Microsoft Office (Advanced); Mandarin Chinese (Bilingual)

Interests: Pittsburgh Steelers, eSports, Skiing, Clarinet, Personal Fitness