

Andy Zhou

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EDUCATION

The University of Texas at Austin, Austin, TX
Bachelor of Science and Arts in Mathematics: 4.0 GPA
Pre-Health Professions for Science Majors Certificate
Certificate in Applied Statistical Modeling

May 2022

WORK EXPERIENCE

Hofmann Lab, Austin, TX
Paid Research Assistant

August 2020 – Present

- Designed ground up procedure for a comparative proteomics analysis
- Studied sex differentiation in chicken eggs using R software statistical analysis
- Conducted literature review within bioinformatics field
- Worked 10 hrs a week

Sanger Learning Center - The University of Texas at Austin, Austin, TX
Academic Tutor

August 2019 – August 2020

- Tutored undergraduate students in Introductory Biology, Chemistry, and Calculus
- Tutored multiple subjects at Drop-in tutoring center 2.5 hours per week
- Scheduled 1-on-1 individual tutoring 7 hours per week

Primate Molecular Ecology and Evolution Lab, Austin, TX
Volunteer Researcher

January 2020 – May 2020

- Collaborated with a graduate student in anthropology lab
- Studied primate acoustic communication and anthropogenic noise
- Analyzed soundscape data isolating monkey calls and man-made noises using Raven audio software
- Committed 6 hours per week as a volunteer researcher

ACTIVITIES & LEADERSHIP

Jester West Residence Hall Council, Austin, TX
President, Vice President Internal, Historian

October 2018 - Present

- Organized elections that filled 6 officer positions
- Created agenda and lead weekly meetings to plan virtual programming for residents
- Organized and managed a Fall Festival event that served over 60 residents
- Managed over \$20,000 in event funds and made budget plans for the academic school year
- Senator for Jester West in URHA meetings held every two weeks where policies were passed, and funding approved
- Created marketing materials and publicized events through email, posters, and social media

American Medical Student Association, Austin, TX
Member

September 2018 - Present

- Participated in CPR certification training
- Assisted in fundraising \$1000 for People's Community Clinic
- Attended guest speaker lectures, social events, and information sessions for medical schools

SKILLS AND CERTIFICATIONS

- Intermediate Fluency in R Programming Language

HONORS AND AWARDS

- UT 2020 Honors Day Distinguished College Scholar
- 2020 CNS Second Year Excellence Award
- 2019-2020 Ralph Steiner, M.D. Scholarship, College of Natural Sciences, The University of Texas at Austin
- 2018 NSHSS Academic Paper Award, National Society of High School Scholars