

Elise Tran

Westminster, CA, 92683
(714) 721-4740
eliseyt@g.ucla.edu

EDUCATION

University of California, Los Angeles

Bachelor of Science, Computational & Systems Biology
G.P.A: 3.9

Expected: Spring 2024

Relevant Coursework

- | | | | |
|---|----|-------------------------------------|---|
| • Chemical Structure (Chem 20A) | A | • Multivariable Calculus (Math 32A) | A |
| • Chemical Energetics & Change (Chem 20B) | A+ | • Linear Algebra (Math 33A) | A |
| • General Chemistry Lab (Chem 20L) | A | • Differential Equations (Math 33B) | A |
| | | • Intro to Programming (PIC 10A) | A |

CAREER OBJECTIVES

My research interests include utilizing computational methods in order to investigate biological and neurological questions about the human body, especially those pertaining to genomics and genetic disorders, cancer, or psychiatric illnesses. In the future, I hope to obtain a Ph.D. or M.D./Ph.D. in an area that focuses on the intersection of mathematics and biology in order to visualize patterns and break down the complexities of human body in a clear, understandable manner to aid the medical and scientific community.

ACTIVITIES

UCLA Undergraduate Science Journal

Design Board, January 2021 to Present

- Present, discuss, and engage in USJ Journal Club
- Design student-submitted research articles and figures to ensure readability and organization.

UCLA Hands On

General Member, October 2020 to Present

- Develop my American Sign Language skills by conversing with fellow students and members of the Deaf Community
- Broaden my understanding about accessibility for Deaf and disabled individuals

Blind Children's Learning Center

Classroom Aide Volunteer, June 2018 to Present

- Supported teachers in classrooms with up to 15 visually-impaired, disabled children, ages ten months to seven years old.
- Evaluated individual progress, one-on-one, for more than 10 children on their social, emotional, and cognitive skills.

LEADERSHIP EXPERIENCE

Baron Banner (high school newspaper)

Co-Editor-in-Chief, June 2019 to June 2020 | Designer-in-Chief, June 2018 to June 2019 | Staff Member, Sept. 2016 to June 2018

- Led production of a quarterly print publication and an online magazine.
- Trained a team of 33 to publish articles informing the student population about news pertaining to the community.

Illumination Foundation (high school club)

President, June 2017 to June 2020 | Member, Sept. 2016 to June 2017

- Coordinated and oversaw the club's regular volunteer support at children's resource centers where we mentored over 30 homeless or poverty-stricken children ages 3-12 via tutoring and companionship.

SKILLS

Computer Skills

- Adobe Software: InDesign (advanced), Lightroom (intermediate), Illustrator (basic), Acrobat (basic)
- Programming: C++
- Microsoft: Word (advanced), Excel (intermediate)
- Other: Canva, Figma

AWARDS

Coronet Award Recipient in Mathematics (2020), Coronet Finalist in English and Publications (2020), Coronet Nominee in Science and Leadership (2020)

The Coronet Award is the highest honor awarded at Fountain Valley High School for excellence in a particular subject.

Dean's Honor List Fall 2020, Winter 2021, Spring 2021