

# Sarah Zhang

[sarahzg123@gmail.com](mailto:sarahzg123@gmail.com) | San Jose, CA

## EDUCATION

### Lynbrook High School

*Student*

San Jose, CA

Aug. 2020 — June 2024

- GPA: 4.0/4.0
- PSAT: 1520
- ACT: 36

## TECHNICAL SKILLS

**Coding:** Python, Java, R

**Tools:** Adobe CC (InDesign, Photoshop, Illustrator)

## EXPERIENCE

### Science Olympiad Division C

*Team Member*

Nov. 2022 – Mar. 2023

- Competed in biology events, and medaled in invitationals and regional competition.

### Health Science Immersion Program

*Student*

Sept. 2022 – Nov. 2022

- Presented about social anxiety in rats to cohort of high schoolers.

### Lumiere Education

*Research Scholar*

Nov. 2021 – Mar. 2022

- Authored paper under mentorship of Cambridge PhD student about potential treatments to prevent SARS-CoV-2 replication, given evolved viral resistance to ACE2-S protein inhibition.

## COMMUNITY

### Tutor

*Sunny Youth Club*

Sept. 2020 – Present

- Enable middle and high schoolers' analysis and speaking skills by mentoring them in giving speeches based off novels and news they have read.

### Teaching Assistant & Musician

*Home of Christ 5*

Jan. 2019 – Present

- Interact with younger students to keep them engaged in learning.
- Prepare lesson materials and help with tech.
- Performed as piano or organ accompanist for Adult and Children's Choirs as well as for church affiliated funerals.

## PROJECTS

### IPF Research | R

May 2023 – Present

- Analyze human genome dataset using bulk RNA and single cell RNA workflows to draw conclusions regarding idiopathic pulmonary fibrosis.

## AWARDS & RECOGNITION

American Invitational Mathematics Examination Qualifier

Feb. 2023

Scholastic Art & Writing Awards Silver Key

Feb. 2023, 2022

President's Volunteer Service Gold Award

Feb. 2023

USA Biology Olympiad Semifinalist

March 2022

Piano CM Panel Advanced

Feb. 2022