

Joshua Ye

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SCHOOL: Vanderbilt University, Class of 2027
GPA: 3.906
SAT: 1540 (740 R&W, 800 M)
AP Coursework/Score: AP Seminar (5), AP Psychology (5), AP Computer Science Principles (4)
AP Chinese Language and Culture (3)

VOLUNTEER ACTIVITIES AND LEADERSHIP

2020-present Founder and President of Tri-Valley Gardening Club
Led volunteer activities in farms, organized lectures for youths from 10+ schools to learn about horticulture, released stress during and post pandemic, grew over 600 pounds of organic produce yearly for the poor and homeless.

2022-present Founder and President of Quarry Lane FPV Freestyle Drone Club
Organized training workshops, taught mechanical engineering concepts, strategies, and flying skills.

2021-2022 Vice president of the Student Council of Chinese American Cooperation School for 1300+ students.
Organized gala & festivals w/ 400+ participants. Arranged teen volunteers to promote Chinese culture.

2020-present Youth Leader of Promoting Leadership in Aspiring Youth Foundation, a non-profit organization.
Organized fundraising events for underserved over \$5000 yearly; published monthly museum newsletters for anthropological exploration.

2019-present Entertain and play music for seniors bi-weekly
Participated in-person pre/post-pandemic (2019, 2022) and virtually during the pandemic (2020-21)

2021-present Led tutoring in STEM subjects at Rise and Shine Youth Leadership weekly
Tutored more than 50 under-resourced younger students

2019-present Donated/distributed products for the homeless of Silicon Valley; packed food for Kids Against Hunger program monthly

2022-present Stanford Healthcare Tri-Valley Medical Center weekly
Cooperated with medical staff to help patients

RESEARCH

2020-present Student Researcher
Conducted research on esophageal cancer risks and lifestyle led by the Department of Epidemiology and Health Statistics, Fujian Medical University.

2021-2022 Student Researcher
Conducted research on mental health during the COVID-19 pandemic led by the School of Public Health, SUNY Buffalo.

2022-present Student Researcher
Conducted research on applications of Artificial Intelligence/machine learning in medicine to improve patient recruitment for medical clinical trials led by Aspiring Scholars Directed Research Program, a premier precollegiate research & development institution in California

2024-present Student researcher
Epidemiology research

MEDICAL INTERNSHIP

2022-present Gastroenterology Clinic at Walnut Creek Medical Center

SUMMER CAMPS/COURSES

2022 Stanford Healthcare Tri-Valley Clinical Academy Summer Program, 2 weeks
2022 American Red Cross Lifeguard Training Course, 2 weeks
2021 FACES Summer Medical Academy (FSMA) Program, 2 weeks

HONORS AND DISTINCTIONS

2020	The President's Volunteer Service Award - Gold
2021	The President's Volunteer Service Award - Gold
2022	The President's Volunteer Service Award - Gold
2020-2022	The Society of Chinese American Physician Community Service Award
2021	The Quarry Lane Excellence in Innovation in Advanced Engineering Honors
2022	FIRST Robotics Competition (FRC) Silicon Valley Regional Tournament Winner
2021 Spring	The Quarry Lane Dean's List
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2022	National AP scholar with honor award

WORK EXPERIENCE (summer, part-time)

2022	Lifeguard at San Ramon Olympic Pool
2022	Courtesy clerk at Safeway Supermarket

SKILLS AND CERTIFICATIONS

Programming languages: Java, python

FPV drones: electronic skills, firmware programming skills, and troubleshooting skills

Microsoft Office, Photoshop

Lifeguarding certificate with CPR/AED capabilities

Psychological First Aid

Basic Life Support

EXERCISE

2021-present	Varsity Soccer Player, the Quarry Lane School
2019-present	Swimmer of Hox Swim Team & Calphin Swim Academy

PEER-REVIEWED JOURNAL ARTICLE AND PRESENTATION

Joshua Ye, Renhorng Wang. ADHD and its Effect on Self-esteem. (Manuscript to be submitted to Young Global Scientists Journal).

Joshua Ye, Jorge Rivas Ochoa, Renhorng Wang. Cross-Cultural American Families' Response to Teens. (Manuscript submitted to Journal of Research High School in Oct 2022).

Shanshan Li, **Joshua Ye**, Lin Zheng, et al. Dietary Inflammatory Nutrients and Esophageal Squamous Cell Carcinoma Risk: A Case-Control Study. (Manuscript submitted to Nutrients in Oct 2022).

Joshua Ye, Co-author for Disparities in insecurity, social support, and family relationships in association with mental health among US adults during the COVID-19 pandemic. (Manuscript submitted to Journal of Psychiatric Research in Oct 2022).

Qiaoyan Zeng, **Joshua Ye**, Minglian Qiu et al. Sleep characteristics and esophageal squamous cell carcinoma risk: A case-control study (accepted, to be presented in 2022 American Institute for Cancer Research International Research Conference).