

Jennifer Wang

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EDUCATION

Stanford University

Bachelor of Science in Chemical Engineering, Class of 2028

GPA: 4.031/4.0

- Relevant Coursework: Chemistry, Multivariable Calculus, Linear Algebra, Entrepreneurial Leadership in the Social Sector

Stanford, CA

09/2024-Present

Dougherty Valley High School

High School Diploma, Highest Honors

Unweighted GPA: 4.0/4.0

- Awards: Golden State Seal Merit Diploma Recipient, California State Seal of Bi-Literacy, MVP of Women's Swim & Dive
- Relevant Coursework: AP Biology, AP Chemistry, AP Calculus BC, AP Statistics

San Ramon, CA

09/2020-06/2024

EXPERIENCE

Zero Crisis

Founder and Chief Executive Officer

- Strategically directed an award-winning nonprofit and led a dynamic, growing team of 30+ members to expand program capacity across 3 core service areas rooted in healthy, non-toxic, and sustainable approaches to disaster response and recovery.
- Negotiated and maintained partnerships with major donors, including multinational corporations such as Henry Schein, Costco, and Sunstar, to secure over \$300,000 in program funding and increasing annual donations by 50% from the previous year.
- Organized over 20 annual events and leveraged social media to reach over 50,000 individuals, including new volunteers, while fostering community engagement, enhancing transparency of services provided, and increasing public awareness of disaster response.
- Assisted 1,000+ families, provided foster care, and funded medical interventions for hundreds of companion animals affected by natural disasters in the United States.
- Conducted data-driven metric analyses to evaluate program impact to refine organizational protocols and improve efficiency of service delivery.

San Ramon, CA

12/2020-Present

The Knowles Lab, Stanford University School of Medicine

Research Assistant

- Investigated effects of the ketogenic diet and ketone metabolites on absence seizure progression in mice and pediatric patients with epilepsy.
- Collaborated with clinicians and healthcare professionals to analyze patient data from the Lucile Packard Children's Hospital and the Stanford Hospital to support ongoing clinical research in conjunction with basic science research.
- Conducted stereotaxic surgeries, blood sampling, perfusions, micro-sectioning, tissue staining, EEG and tissue sample analyses. Monitored mouse health, managed breeding lines, and maintained laboratory environment.
- Delivered project updates at lab meetings and discussed future research directions in conjunction with relevant literature and previous findings.
- Awarded a \$9500 DRIVE in Research Pathway Undergraduate Summer Research Grant from Stanford MCHRI.
- Culminated and formally presented research findings at the PIPS, DRIVE, and the 8th Annual MCHRI Symposia.

Stanford, CA

09/2024-Present

Pediatrics Internship Program at Stanford, Stanford University School of Medicine

Near Peer Mentor

- Mentored a diverse cohort of high school students with interests in biological sciences and medicine by facilitating thoughtful discussions on academic planning, college advising, and professional development in STEM fields.

Stanford, CA

06/2025-Present

SKILLS AND INTERESTS

- Proficiency in Epic EHR System, MS Office, Apple iWorks, Google Workspace
- Languages: English (fluent), Taiwanese (fluent), Mandarin (fluent), Spanish (conversational)