TIFFANY SHI

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EDUCATION:

Stanford University   June 2022
GPA: 3.92/4.00
Major: Undeclared; Projected: Computer Science
Relevant Coursework: Programming Abstractions, Linear Algebra,
        Computer Organization and Systems, Mechanics,
        Mathematical Foundations of Computing (Spring),
        Probability for Computer Scientists (Spring), E&M (Spring)

San Marino High School   June 2018
GPA: 4.50/4.00
Relevant Coursework: AP Computer Science (Java), AP Calculus BC

EXPERIENCE:

Research Intern   June 2017 - August 2017
California Institute of Technology (Caltech)
- Researched machine learning algorithms in galaxy image classification.
- Processed and categorized 120,000+ images into 36 overlapping categories.
- Worked with three fellow high-school students on a project which was awarded the first place by a Caltech/JPL panel (https://youtu.be/Deg9aXhGT4Q?t=375)

Tutor   August 2017 - August 2018
San Marino High School
- Tutored a sophomore every day at lunch + Saturdays.
- Raised student's GPA by 1-2 letter grades. Significantly boosted the confidence and study interest of the student.

SKILLS:

- Proficient in Microsoft Office, Python, Java, C++, C
- Fluent Chinese, Intermediate Spanish

ACTIVITIES AND LEADERSHIP:

San Marino High School
- **Girls Who Code - President (2018), Treasurer (2017)**
  - Doubled membership as President, led weekly meetings, planned JPL trip & PCC events, mentored recruits in making Arduino circuits, planned curriculum
- **Speech and Debate - Vice President (2018)**
  - Managed practice, delivered class lectures, mentored underclassmen debaters, attended 3 week National Symposium for Debate.
- **Student Advisory Board - Treasurer (2014-2018)**
  - Planned/fundraised for 2017 prom, organized class t-shirts, planned class events, ended junior year with ~$10,000 surplus, managed football & basketball concessions stands weekly, homecoming floats & murals