

# Aly Tan

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## Education

**University of California, Los Angeles**, Los Angeles, CA

June 2026

Candidate for Bachelor of Science *Major*: Statistics and Data Science

*GPA*: 4.0/4.0

*Relevant Coursework*: Calculus, Linear Algebra, Statistical Programming, Probability, Data Analysis, Statistical Consulting, Differential Equation

**Pasadena City College**, Pasadena, CA

Sep 2022 – Jun 2024

Associate in Science, Business and Natural Sciences

Associate in Arts, Engineering and Technology

Institutional Honors: Administration Honors

*GPA*: 4.0/4.0

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## Teaching Experience

**Cal Teach** | *Math Teaching Assistant*, Los Angeles, CA

Dec. 2024 – Jun. 2025

- Supported instruction in a high school Statistics and Calculus classroom by assisting with lesson delivery and providing individualized student support
- Helped students grasp complex mathematical concepts through one-on-one tutoring and small group activities
- Designed and graded practice assignments aligned with Common Core standards, improving student comprehension and test preparedness
- Collaborated with mentor teachers to analyze student performance data and adjust instructional strategies accordingly

**StepUpTutoring** | *Tutor*, Virtual

Jan. 2025 – Oct. 2025

- Provided one-on-one virtual tutoring to elementary school students in English Language Arts and Math, meeting twice weekly via online platform
- Developed personalized lesson plans and practice exercises based on each student's learning level and needs
- Fostered student engagement through interactive learning tools and regular positive reinforcement
- Navigated language barriers by coordinating with non-English speaking parents using translated text and audio messaging, ensuring clear communication and shared academic goals
- Resolved technology access issues by helping families secure free laptop loans and troubleshooting recurring connectivity problems, enabling consistent participation in online learning
- Adapted instruction by presenting concepts through multiple modalities (numerical, real-world, and visual models) to support diverse learning styles and improve comprehension

**A Plus Education** | *Tutor*, Los Angeles, CA

Jan – Feb 2020

- Supported Chinese immigrant families in an after-school program by providing academic guidance and language assistance
- Used bilingual communication to explain school expectations in Mandarin and discuss student progress with parents

- Helped families understand and navigate the U.S. school system, fostering stronger home–school connections
  - Built an inclusive learning environment by ensuring multilingual parents felt informed and involved in their children’s education
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## Leadership

**College Corps** | *College Corps Fellow*, Los Angeles, CA Sep. 2023 – Present

- Served as a mentor for African American high school boys in the UCLA VIPS program
- Supported their academic journey by checking in on class performance, offering help when needed, assisting with college applications, and monitoring progress toward completing A–G requirements

**MESA** | *Ambassador*, Pasadena, CA Aug. 2022 – Jun. 2024

- Represented MESA at campus events by managing booths, engaging with students, and assisting speakers to raise awareness and promote the organization
- Collaborated with team members on volunteer initiatives, including organizing food drives, blood donation campaigns, fundraisers, and event setup

**Business Technology Academy** | *ICC Representative*, San Gabriel, CA Aug. 2019 – Jun. 2022

- Represented the Business Technology Academy in Inter-Club Council (ICC) meetings, communicating event plans and academy initiatives to the broader student leadership body
  - Played a leading role in competition teams, including Future Business Leaders of America (FBLA)
  - Collaborated with peers to develop competitive projects in product design, production, and marketing
  - Earned a merit-based scholarship in recognition of excellence in business innovation, leadership, and competition performance
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## Technical Experience

**CARD at UCLA** | *Data Analyst*, Los Angeles, CA Nov. 2024 – Feb. 2025

- Analyzed large, complex datasets to generate insights and identify patterns related to COVID-19 and other public health concerns
  - Ensured data quality, accuracy, and consistency through validation and standardization processes
  - Collaborated with cross-functional teams to analyze and optimize the COVID-19 Open Data project
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## Awards

**John Scott Scholarship** Awarded \$4,000

Recognized for outstanding academic achievement and leadership potential

### Dean’s Honor

Earned multiple terms of academic distinction for maintaining a 4.0 GPA

**Future Business Leaders of America (FBLA)** 2nd Place — Personal Finance

Placed second in a competitive statewide FBLA Personal Finance event, demonstrating advanced financial literacy and problem-solving skills

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## **Skills**

**Technical:** Microsoft Office Suite (Excel, PowerPoint, Word), Google Workspace, Canva, Zoom, R

**Languages:** Chinese (Mandarin and Cantonese)

**Other:** Multi-tasking, Patience, Time Management, Collaboration

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## **References**

Available upon request, though likely would include Karl Pearson and Ronald A. Fisher.