

Aly Tan

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Education

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| University of California, Los Angeles , Los Angeles, CA | June 2026 |
| Candidate for Bachelor of Science <i>Major:</i> Statistics and Data Science | |
| GPA: 4.0/4.0 | |
| <i>Relevant Coursework:</i> 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 | |

Teaching Experience

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| Cal Teach <i>Math Teaching Assistant</i> , 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 <i>Tutor</i> , 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 | |

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| A Plus Education <i>Tutor</i> , 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 | |

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- 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

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| College Corps <i>College Corps Fellow</i> , Los Angeles, CA | Sep. 2025 – 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 <i>Ambassador</i> , 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 <i>ICC Representative</i> , 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 | |

Technical Experience

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| CARD at UCLA <i>Data Analyst</i> , 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 | |

Awards

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| 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 | |

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

References

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