Andrew Zheng

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EDUCATION

University of Southern California, Los Angeles, California
Bachelor of Science in Economics and Data Science
GPA:3.3   *May 2027*
Relevant Coursework: Linear Algebra and Linear Differential Equations (Math 225), Calculus I-III, Introduction to Data Science (DSCI 250),Introduction to Programming (CSCI 103), Discrete Methods in Computer Science (CSCI 170), Intermediate Microeconomic Theory (ECON 303), Introduction to Statistics (ECON 317)

Monte Vista High School   **Danville, California**
High School Diploma   *GPA 4.34*

WORK EXPERIENCE

USC Baseball   **Los Angeles, California**
Student Manager   *August 2023 - Current*
- Managed comprehensive game-day and practice technologies: Trackman, digital scoreboard controls, game clock management, and video capture for practices and live games
- Leveraged BATS and Synergy video analysis software to analyze 100+ game and practice films, producing detailed reports for coaches and players that improved team preparation efficiency
- Built a script to validate, clean, and reformat CSV data for Synergy software ingestion, increasing metric reliability and processing efficiency.
- Developed comprehensive transfer portal analytics database in Excel (Summer 2024), enabling coaches to efficiently evaluate and identify potential recruits through statistical analysis and data visualization

Youth Giving Project   **San Ramon, California**
Club President   *August 2019 - June 2024*
- Created educational STEM kits for underserved youth across the Greater Bay Area, providing hands-on learning opportunities in science, technology, engineering, and mathematics
- Spearheaded philanthropic programs for children's hospitals and foundations, managing fundraising events, donor relations, and distribution of essential care packages to pediatric patients

Advancement Via Individual Determination (AVID)   **Danville, California**
High School Tutor   *August 2022 - June 2023*
- Provided individualized mathematics tutoring to high school students, focusing on algebra, geometry, and advanced problem-solving techniques
- Selected one of three to tutor a cohort of about 20 students in a variety of subjects including math, history, and English.

Bay Area Rapid Transit (BART)   **Oakland, California**
Systems Engineering Intern   *June 2022 - August 2022*
- Supported data analytics department through comprehensive documentation management, converting key meeting discussions into actionable business intelligence reports
- Conducted hands-on testing and evaluation of transit fare gate prototypes, analyzing system performance and user interaction patterns

LEADERSHIP & INVOLVEMENT

USC Sports Business Association   **Los Angeles, California**
General Member   *August 2023 - Current*

SKILLS & INTERESTS

Languages: Conversational Proficiency in Mandarin, English
Technical Skills: Google/Microsoft Office Suite, Microsoft Excel, C++, Java, Python, Synergy, Trackman, BATS
Interests: Strategic problem-solving (Chess, Rubik's Cube), Cooking, Snorkeling, Comedy