

William (Jiyang) Liu

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<https://renaissancedog.github.io>

A motivated high school student who wants to learn more about our world! Demonstrates strong academic performance, especially in mathematics, computer science, and engineering. Enjoys problem-solving, thinking, and creating.

EDUCATION

Ronald Reagan High School, San Antonio, Texas

Rising junior, expected graduation May 2027

- **GPA:** 99.1/100 unweighted, 106.0/100 weighted (first 4 HS semesters)
- **Relevant Coursework:** AP Precalculus, AP Statistics, Engineering Design and Presentation I, Computer Science II Honors, Chemistry Honors
- **Clubs:** Member of Orchestra, Chinese Culture Club, Mu Alpha Theta, and UIL Academics
- **Test Scores:** 1500/1520, PSAT/NMSQT; 5, American Invitational Mathematics Examination

EXPERIENCE

Reagan UIL Academics Team

Math/Science/Computer Science team member, Webmaster

March 2024 - Present

- Consistent top individual scorer; highest scorer from the team at most meets
- Helped team achieve top placements at district and regional levels
- Taught contest material to other members as a high scorer

Reagan Chinese Culture Club

President

May 2025 - Present

- As Secretary, was responsible for preparing for club meetings, taking attendance, making announcements to members, and posting content to club Instagram page
- Grew club membership during my tenure from ~15 to over 30 members

Reagan Mu Alpha Theta

Committee Member

April 2025 - Present

- Prepared for and organized math honor society meetings and events
- Developing and implementing custom software for an automated attendance system

Reagan Orchestra

Librarian

May 2025 - Present

- Violinist in varsity orchestra at Reagan (Chamber Orchestra) for 1 year
- Qualified for All-Region orchestra and State Solo & Ensemble multiple times

San Antonio Math Circle

Co-Founder

August 2024 - Present

- Founded and led a group for motivated students to explore advanced math topics
- Competed in and prepared Circle members for math contests like AMC, AIME, SMT, Mathcounts
- Led discussions exploring higher-level math such as advanced algebra, combinatorics, number theory, linear algebra, and more

ADDITIONAL SKILLS

- **Technical:** Intermediate knowledge of AI/ML concepts; AutoCAD Certified User
- **Programming Languages:** Python, Java, JS, HTML/CSS, various web development tools
- **Other:** Leadership, organizational skills, public speaking
- **Additional:** 7 years of competitive swimming; 5 years of violin performance

AWARDS, HONORS, AND HONORARY MENTIONS

- American Invitational Mathematics Examination (AIME) Qualifier (2023, 2024): One of ~6,000 HS students nationwide invited; Only qualifier from Reagan HS both years and first freshman ever from Reagan to qualify
- American Mathematics Competitions (AMC) 10 1st Place, Reagan High School (2023, 2024)
- UIL Math State Qualifier (2025): Placed 2nd at Regionals
- UIL Math, Science, and Computer Science Regionals Qualifier (2024, 2025)
- All-Region Orchestra Member (2021-2024)
- Texas State Solo/Ensemble Qualifier (2024, 2025)
- USA Computing Olympiad (USACO) Silver Division
- Student Volunteer Service Award - Gold Level (2025)