William Liu

San Antonio, Texas   https://renaissancedog.github.io

A motivated high school sophomore who wants to learn more about our world!

EDUCATION

Ronald Reagan High School, San Antonio, Texas
Sophomore, 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, PSAT/NMSQT; 5, AIME (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

Chinese Culture Club
Secretary/Social Media Manager, President-elect   *September 2024 - Present*
- 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

Mu Alpha Theta
Committee Member   *April 2025 - Present*
- Prepared for and organized club meetings and events
- Developing an automated club attendance system with custom software - in progress

Reagan Orchestra
Violinist   *August 2023 - Present*
- Member of top orchestra at Reagan (Chamber Orchestra), 1st violin
- 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 probability, number theory, linear algebra, and more

ADDITIONAL SKILLS

- Proficient in programming languages including Python, Java, JS, and HTML/CSS. Experienced with frameworks such as Svelte and Tailwind, and concepts such as machine learning.
- Strong mathematical, scientific, and problem-solving skills
- Strong leadership and organizational skills
- AutoCAD Certified User

AWARDS, HONORS, AND HONORARY MENTIONS

- American Invitational Mathematics Examination (AIME) Qualifier (2023, 2024): Only qualifier from Reagan both years; first freshman ever from Reagan to qualify
- AMC 10 1st Place, Reagan High School (2023, 2024)
- UIL Math State Qualifier (2025)
- 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 (2025)