

William Liu

San Antonio, Texas

<https://renaissancedog.github.io>

I'm a motivated high school sophomore who wants to learn more about our world! Eager to continue exploring advanced topics and contributing to collaborative environments.

EDUCATION

Ronald Reagan High School, San Antonio, Texas

Sophomore, expected graduation May 2027

- **GPA:** 99.1/100 unweighted, 105.8/100 weighted GPA
- **Relevant Coursework:** AP Precalculus, AP Statistics, Engineering Design and Presentation I, Computer Science II Honors, Chemistry Honors
- **Clubs:** Member of UIL Academics, Orchestra, Chinese Culture Club, Mu Alpha Theta, SNHS, Computer Science Club
- **Test Scores:** 1500, PSAT/NMSQT; 5, AIME (American Invitational Mathematics Examination)

EXPERIENCE

UIL Academics Team

Math/Science/Computer Science team member, Webmaster

March 2024 - Present

- Taught mathematics contest material to other members
- Helped team win 1st place at district competitions multiple times; consistently placed in the top 3 individually in every event I participated in
- Highest scorer from our team almost every competition

Chinese Culture Club

Secretary/Social Media Manager

September 2024 - Present

- Was responsible for preparing for club meetings, taking attendance, making announcements to members, and posting content to club Instagram page
- Helped more than double club membership during my tenure to over 30 members

Reagan Orchestra

Violinist

August 2023 - Present

- Qualified for All-Region orchestra and State Solo & Ensemble multiple times
- Member of top orchestra at Reagan (Chamber Orchestra), 1st violin

San Antonio Math Circle

Co-Founder

August 2024 - Present

- Created a group for motivated students to explore more advanced math and compete as a team
- Competed in and prepared Circle members for math contests such as the Stanford Math Tournament, AMC, AIME and Mathcounts
- Led discussions exploring higher-level math such as probability, number theory and linear algebra

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 and scientific knowledge and skills
- Strong leadership and organizational skills
- AutoCAD Certified User

AWARDS, HONORS, AND HONORARY MENTIONS

- AIME Qualifier (2023, 2024)
- AMC 10 1st place, Reagan High School (2023, 2024)
- UIL Math, Number Sense, Calculator Applications, Science, and Computer Science District award-winner (2024, 2025)
- USA Computing Olympiad (USACO) Silver
- All-Region Orchestra Member (2021-2024)
- Texas State Solo/Ensemble Qualifier (2024, 2025)
- USA Biolympiad (USABO) Certificate of Merit (2025)