William Liu

San Antonio, Texas renaissancedog.github.io

Motivated high school sophomore who wants to learn more about our world! Eager to continue exploring advanced topics and contributing to collaborative academic and extracurricular 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, Computer Science Club, SNHS
- **Test Scores:** 1500, PSAT/NMSQT; 5, AIME (American Invitational Mathematics Examination)

EXPERIENCE

UIL Academics Team

Math Team Captain, 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 *September 2024 - Present*
- Posted content to club's official Instagram page and prepared for monthly club meetings
- Club membership has grown by over 100% 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*
- Started an unofficial math group for motivated students to explore more advanced math and compete as a team
- 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 and number theory

ADDITIONAL SKILLS

- Proficient in programming languages including Python, Java, JS, and HTML/CSS. Experienced with frameworks such as Svelte and Tailwind
- Strong mathematical and scientific knowledge and skills
- Strong leadership and organizational skills

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)