

# William Liu

San Antonio, Texas

<https://renaissancedoq.github.io>

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 Chinese Culture Club, Mu Alpha Theta, Orchestra, UIL Academics, SNHS, Computer Science Club
- **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*

- Taught contest material to other members as a high scorer
- 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

### Reagan 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
- 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)