

Kah Kai (Cayden) Yap

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Driven problem-solver with a strong foundation in theoretical math and computer science, backed by rigorous coursework and a proven ability to excel in high-pressure environments. Passionate community leader serving as a leader in school clubs and volunteering as a middle school math mentor. Expanding my skill set into graphic design, bringing a well-rounded, creative edge to technical challenges.

Seeking an internship to apply algorithmic thinking and a competitive drive to impactful projects.

Education

- Piedmont Hills High School: San Jose, CA
Graduating June 2027; 4.0 Unweighted GPA
(AP Calculus BC, AP Physics C: Mechanics, AP Lang)
- UC Davis COSMOS: July 2026 – August 2026
- Mission College: GPA 4.0 (Graphic Design)
- UC Scout: GPA 4.0 (AP CSA, AP CSP)

Skills

- Proficiency in Python, JavaScript, Docker
- Conversational proficiency in Mandarin
- Strong grit and leadership

References

- Rey Enriquez: AP Calc BC Math Teacher
Piedmont Hills High School
San Jose, CA
enriquezr@esuhdsd.org
- Julian Ouedrago: Saber Coach
Halberstadt Fencer's Club
San Francisco, CA
julien@sfyouthfencing.com

Experience

- **PHHS Math Team:** President (September 2025 - Present), member (September 2023 - Present)
 - Facilitating weekly meetings centered on competitive mathematics and real-world applications beyond the standard curriculum.
- **Sierramont Math Team:** Head captain (September 2025 - Present), captain (September 2023 - Present)
 - Cultivating a culture of problem-solving through weekly meetings focused on competitive math readiness and collaborative learning.
- **Physics Club:** Vice president (September 2025 - Present), officer (September 2024 - Present)
 - Designing engaging labs and meetings to carve a deeper understanding and passion for physics
- **Competitive Mathematics:** August 2023 - Present
 - Top 15% in competitions such as the AMC 10 (92) and the AMC 12 (85.5)
- **Competitive Coding:** February 2024 - Present
 - Applying algorithmic thinking at a high level in prestigious contests, achieving Codeforces Expert (top ~15%), CALICO Gold (top ~8%), and USACO Silver
- **Saber Fencing:** 2021 - Present
 - Saber fencer at Halberstadt
 - 8th Place at Div II Summer Nationals