



## Holden Tsao

Los Angeles, CA | holdenetsao@gmail.com

### EDUCATION

**Fairfax High School, Los Angeles, CA**

**Class of 2029**

**GPA: 3.78/4.0**

**Relevant Coursework:** Advanced Algebra I, Integrated Science II, Introduction to Robotics I, Introduction to Programming I

### PROFESSIONAL EXPERIENCE

**Boy Scouts of America** Los Angeles, CA

**January 2022 - Present**

*Star Scout*

- Mentored 10+ younger scouts to the next rank in a 40 person troop. Achieved a 60% successful conversion rate for younger scouts ranking-up.
- Organized 3 knowledge forums for 70+ meetings with 40+ scouts attending and structured the content of meetings.
- Expanded general knowledge of new scouts when camping (e.g. teaching them how to set up their tents, how to use knives and fire tools).
- Earned 20+ merit badges over the course of 2 years. Completed 35+ hours of community service for my troop.

**Student Council** | Los Angeles, CA

**October 2023 - June 2024**

*Senator*

- Planned 7+ events during a school year, such as a talent show and Spirit Week for Christmas.
- Developed and implemented a new school honor code and conduct policies, directly impacting 700+ students and improving campus culture.
- Led 3 successful fundraising campaigns generating \$1,500 in donations plus additional ticket revenue for school improvement initiatives.

**HW Venture (Entrepreneurship Club)** | Los Angeles, CA

**September 2024 - Present**

*Club Leader*

- Led successful 24-hour fundraising campaign raising \$800 from 400+ donors to support mental health initiatives through the JED Foundation.
- Developed and facilitated entrepreneurship curriculum introducing 20+ students to business fundamentals and startup methodology.
- Created and managed a 5-month investment competition to teach practical financial literacy and long-term wealth building strategies.

**Robotics Team** | Los Angeles, CA

**August 2023 - Present**

*Programmer*

- Pioneered a self moving code that works 90+% of the time. Along with my teammates, we were able to build a fully functioning robot capable of doing all tasks that we program it to do.
- Developed a fully functioning robot in less than 8 weeks, going to practice almost every weekday, devoting myself to make my team's robot the best that I could.
- Secured 1st place among 30 teams at Harvard-Westlake Robotics League Tournament, earning 3 individual distinctions: Tournament Champion Award, Robot Skills Award for technical excellence, and Excellence Award for comprehensive robotics mastery.

**NYLT (National Youth Leadership Training)** | Boy Scouts

**August 12 2024 - August 19 2024**

*Leadership Fellow*

- Completed intensive 6-day residential leadership program at Camp Whitsett, mastering advanced team management and decision-making strategies.
- Developed a comprehensive leadership framework focusing on personal accountability, emotional intelligence, and confident decision-making.
- Must have a goal and your 5+ visions will help you be able to reach your goals.



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### AWARDS

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- **Honor Roll (September 2024)**
  - Earned a cumulative GPA above 3.65.
- **Tournament Champion Award (January 2025)**
  - Won a tournament consisting of 30 teams. Went through 75 qualification rounds for placement, won all 4 rounds of elimination against very competitive teams.
- **Tournament Finalist (February 2025)**
  - Earned spot in the finals (4 teams out of 37 total teams), after successfully passing through 4 rounds of elimination. Final score was 41 - 40, where the opposing teams won.
- **Robot Skills Award (January 2025)**
  - Placed first in robot skills against. Scored 86 points out of 90 points combined through driver control and programming control.
- **Excellence Award x 3 (December 2024, January 2025, February 2025)**
  - Earned the Excellence Award. Need to make semi-finals at comp, rank top 5 in skills, have a very good interview, and document EDP (Engineering Design Process).
- **Think Award (February 2025)**
  - Earned the Think Award. Must have the most well documented code, have the most consistent code, and have the best functioning code of all 45 teams at the tournament.
- **State's Regional Tournament Qualification (March 2025)**
  - Qualified for Robotics State Tournament, only for those who win the excellence award, the tournament champion, and the skills award.

### SKILLS

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- **Programming/Software:** Python (intermediate), C++ (intermediate/expert), CAD (beginner/intermediate)
- **Interests:** Origami folding (Expert), Rubik's Cube solver (Expert)