

# LUKE ZENG

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## CAREER GOAL

My goal is to be able to conduct scientific research in artificial intelligence.

## ACHIEVEMENTS

### USA Computing Olympiad

Description: The USA Computing Olympiad is a series of 4 annual competitions that are used to recruit students to represent the United States in the International Olympiad in Informatics.

- ❖ In contest promotion in the Silver and Bronze divisions
- ❖ Promotion from Gold Division
- ❖ Platinum Division Competitor

### PicoCTF

Description: PicoCTF is an annual team cybersecurity competition mainly for secondary school students. It is hosted by Carnegie Mellon University

- ❖ Among the Top 100 US High Schools in the 2022 competition

### LeetCode

Description: LeetCode is a platform designed for learning data structures and algorithms, preparing for programming interviews at tech companies. It includes weekly competitions which allow users to test their programming skills against other users.

- ❖ 97th percentile in contest rating
- ❖ Over 500 problems solved

## EDUCATION & CREDENTIALS

### Dublin High School, Dublin CA - *Future High School Diploma*

2020 - 2023, 4.67 weighted GPA

### Standardized Tests

November 2022 SAT - 1530 composite, 730 ELA, 800 Math

## SKILLS AND HOBBIES

### Skills

- ❖ Proficient in Python
- ❖ Proficient in C++
- ❖ Proficient in Mandarin Chinese
- ❖ Undergraduate level statistics, calculus, and discrete mathematics
- ❖ Artificial Intelligence and Machine Learning

### Hobbies

- ❖ Game Development
- ❖ Hiking and Biking
- ❖ Competitive Programming
- ❖ Video games
- ❖ Reading graphic novels