LUKE ZENG

zenglukef@gmail.com

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*

September 2020 - 2022, 4.67 weighted GPA

- ❖ AP Computer Science A
- ❖ AP Computer Science Principles
- ❖ AP Statistics
- ❖ AP Calculus AB
- ❖ Honors Chemistry
- ❖ AP Chemistry
- ❖ AP US History

Standardized Tests

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

Colleges of Interest

- ❖ Carnegie Mellon University—Computer Science
- ❖ California Institute of Technology—Computer Science
- ❖ U.C. Berkeley—Computer Science

SKILLS AND HOBBIES

Skills

- ❖ Proficient in Python
- ❖ Proficient in C++
- ❖ Proficient in C#
- ❖ Proficient in Mandarin Chinese
- ❖ Educated in undergraduate level statistics, calculus, and discrete mathematics
- ❖ Educated in Artificial Intelligence and Machine Learning
- ❖ Educated in Data Structures and Algorithms

Hobbies

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