

KASRA RATEGH

(650) 334-8632 • kasrarategh@ucla.edu • kasrarategh.xyz • linkedin.com/in/kasra-rategh-435582248

EDUCATION

University of California, Los Angeles | *B.S. Bioengineering* Incoming Class of 2030
Bellarmino College Preparatory | *4.00 UW / 4.488 W* Class of 2026

PROFESSIONAL EXPERIENCE

Summer Intern | *Zadar Labs* May 2025 - August 2025

- Designed a metal enclosure housing a computer and I/O ports for international shipment
- Built several Python projects, including a tool to detect glitches in radar point-cloud output
- Assembled, calibrated, and quality-controlled 400+ sensors
- Independently developed a gesture-detection application using machine learning

Summer Intern | *Arctic Semiconductor* June 2024 - August 2024

- Built a Python GUI for the company's test and calibration platform

Youth Swim Instructor | *YMCA Northwest* March 2023 - January 2024

- Taught private and group swim lessons to 3-10 kids, ages 6 months-13+
- Trained 5 students to competitive swim-team level

CLUBS & EXTRACURRICULAR

Founder & President | *Bellarmino Science Olympiad Program* August 2023 - Present

- Founded the program from scratch; mentor 3 teams across 23 events, designing curriculum for each
- Grew membership from 9 to 65+ students, drawing 120+ applicants
- Manage all administration — registration, finances, and documentation
- Placed 22nd of 46 at regionals in only the program's second year
- One of 3 school-sponsored programs at Bellarmino

Bellarmino Combat Robotics Competition August 2022 - Present

- Engineer 1-3 lb combat robots in the school's makerlab
- Apply the full engineering process: CAD, 3D printing, soldering/wiring, and CNC machining
- Compete in and help organize the annual statewide Bell Brawls tournament

Player & Captain | *Mountain View Volleyball Club & Bellarmino Varsity* August 2020 - Present

- Compete in tournaments nationwide; 3+ years as club captain and 3 years of High School Varsity
- 5x National Championship qualifier and participant

Volunteer | *Heart and Rhythm Cardiology Clinic* May 2025 - August 2025

- Checked in and triaged patients, took vitals, read heart monitors, and assisted with stress tests
- Translated for Persian-speaking senior patients

ACHIEVEMENTS & AWARDS

- AP Scholar With Distinction June 2025
- Silver Medal, "Air Trajectory," Santa Clara Science Olympiad Regionals March 2025
- Bronze Medal, "Air Trajectory," Stanford Science Olympiad Invitational February 2025
- Bronze Medal, AAU 17-Club SoCal Cup Winter Formal Showcase December 2024
- CIF NorCal Volleyball Champion May 2024
- Certificate of Appreciation, City of Cupertino Mayor, for Volunteering April 2023
- WCAL Junior Varsity Volleyball Champion February - April 2023
- Gold Medal, 15-Club AAU Chi-Town Boys Challenge Tournament, Chicago November 2022