Adam Trinklein

EDUCATION & CREDENTIALS

UC Berkeley – B.A. Mathematics & B.A. Marine Science (expected 2028)
GPA: 3.70 | Relevant Coursework: Mathematics, Chemistry, Physics, Computer Science

Sequoia High School – Diploma awarded 2024
GPA: 4.28 | SAT: 1570

Skills
- Python and Java programming
- Running YouTube channel
- CPR, Lifeguard, & PADI scuba certified

Activities & Interests
- UC Berkeley Triathlon club
- Founder and Co-President, Sequoia High School "Take-it-Apart" Club
- Captain, Sequoia High School Water Polo Team
- Passionate about growing exotic plants, distance swimming, scuba diving, and basketball

RESEARCH EXPERIENCE

SPOTTING GIANT SEA BASS INTERNSHIP
- Advanced conservation research on the critically endangered Giant Sea Bass through work with UCSB's Benioff Ocean Science Lab.
- Deployed AI-based spot-mapping algorithms to profile hundreds of individual fish for population and migration modeling.
- Conducted community outreach by distributing educational materials at local dive shops to encourage public participation.

WORK EXPERIENCE

PCC SWIM COACH
- Provided detailed stroke analysis and corrective feedback to support technical development and competitive performance.
- Encouraged growth by adapting instructional methods to diverse learning styles.

UC BERKELEY RECWELL LIFEGUARD
- Ensured swimmer safety across multiple UC Berkeley pools by enforcing facility rules and executing emergency responses according to Red Cross standards.

INDEPENDENT MATH TUTOR
- Educated students in high school math by reinforcing foundational concepts and helping them develop their problem-solving skills.