Alexander Thomas

Goleta, CA 93117 | (310) 753-9371 | alxthomas03@gmail.com |linkedin.com/in/alxthomas2025

EDUCATION

University of California, Santa Barbara - Santa Barbara, CA **Expected Graduation: June 2025**
- **Major:** B.S. in Computer Science (GPA: 3.80)
- **Relevant Coursework:** Data Structures, Algorithms, & Object-Oriented Design, Algorithm Analysis, Computational Science

Redondo Union High-School - Redondo Beach CA **Class of 2021**
- **Awards:** Valedictorian in a class of 800 students (GPA: 4.67**),** Athletic Scholar, Principles Honor Roll

LEADERSHIP

Kappa Sigma Epsilon Theta Chapter **Isla Vista, CA**
Philanthropy Chair Fall 2022 – Present
- Led a team of 20 members in organizing and executing multiple successful fundraising events, resulting in $2600 raised for various philanthropic organizations over the course of 3 months surpassing our previous fundraising record by over $700
- Worked with the school to spearhead a flag football tournament involving 4 other campus organizations that raised $850 for the American Breast Cancer Foundation
- Leveraged expected attendance numbers for the flag football tournament to gain sponsorships from two local companies, that resulted in a donation of $150 and free catering for our event in exchange for a marketing opportunity for our sponsors

Scholarship Chair February 2022 – June 2022
- Implemented course specific study groups by collecting information on classes members were taking, booking study rooms in the library, and planning study sessions prior to tests, leading to an overall increase of our chapter GPA by 5% (from 3.06 to 3.21)

WORK EXPERIENCE

Aqua Surf **Manhattan Beach, CA**
Senior Camp Counselor/Private Surfing instructor June 2021 – September 2023
- Led a team of 4 junior counselors to ensure safe supervision of 15 campers in the organization of ocean and beach activities
- Implemented an effective conveyor system for taking campers out to surf that optimized surfing sessions and ensured each camper was paired with a counselor while surfing in deeper waters
- Created customized surfing lesson plans based on individual skill level, learning style, and goals resulting in a 95% success rate for learner-set goals

Hana Kitchen **Isla Vista, CA**
Cashier February 2022 – April 2023
- Created a binder with drink instructions which streamlined the training process for new staff members, and ensured consistent drink preparation

PROJECTS

Chess Puzzle Generator
- Transformed a two-player chess game developed using tkinter into a puzzle creator capable of generating puzzles based on textual input of positions and correct moves.
- Refined skills in object-oriented design, data structures, and GUI implementation

SKILLS & INTERESTS

Skills: (Proficient): C++, Python: NumPy, Scipy, Matplotlib, & tkinter (Familiar): Unix, Java
Interests: Volleyball, Golfing, Surfing, Chess, Reading