

Kevin Chang

408-594-8425 / kevin.chang7677@gmail.com / kevinc@youthneuro.org

Education

Homestead High School	Class of 2025
<ul style="list-style-type: none">• UNW GPA 4.0• W GPA 4.45• Relevant Coursework: AP CS A, AP Calculus BC, AP Statistics, AP Physics C Mechanics, AP Physics 1, AP Literature, AP Biology, American Literature Honors, AP Art• Received 2 Green and White Awards	
University of California, Santa Barbara	2023 Summer
<ul style="list-style-type: none">• GPA 4.0• Relevant Coursework: INT 93LS (section 800) - RESEARCH IN STEM (4 credits)• Was selected to attend the 2023 Summer Research Academies• Studied neuroscience in Track 8: Model Behavior and obtained lab experience in areas including immunohistochemistry, microscopy, data analysis (SPSS + R), brain anatomy, and animal behavior.• Completed a research project and wrote a paper alongside two others: "The Role of the Hippocampus in Context-dependent Decision Making and Continual Learning".	
De Anza College	2022 Summer Quarter
<ul style="list-style-type: none">• GPA: 4.0• Relevant Coursework: General Psychology	
SAT 99th Percentile - 1550	2022

Accomplishments / Honors

Presidential Volunteer Service Award Teen Gold (PVSA)	2022
Scholastic Art and Writing Awards (Drawing and Illustration) - Gold Key	2023
Scholastic Art and Writing Awards (Drawing and Illustration) - Honorable Mention	2024
California FBLA Computer Game Simulation 7th place	2023
USA Biology Olympiad Certificate of Merit	2024
CMEA Orchestra Festival - Superior	2024
New York International Music Festival - Gold	2024

Leadership Experience

Inobis Academy - Co-Founder / Tutor

2022 - Present

- Co-founded the 501c3 non-profit Inobis Academy with the aim to provide quality education to students of all backgrounds.
- Tutored Algebra 2, Trig, & AP Physics 1 and fostered the organization's growth through marketing, organizational, and collaborative skills.
- Earned experience not just as a leader but also as a teacher through facilitating an inclusive atmosphere of innovation. Implemented office hours system.
- As of May 2023, there have been more than 400 tutoring sessions held, many of which are live streamed on the Inobis Academy Youtube channel.
- Website: <https://inobisacademy.org/>
- Youtube Channel: <https://www.youtube.com/@inobis>

International Youth Neuroscience Association - U.S. Western Lead

2023 - Present

- Responsible for overseeing [IYNA](#) chapters (self-governing communities united by a shared interest in neuroscience, including health science, medicine, STEM, and related fields) in western U.S. states as a [regional lead](#)
- Helped lead USA011 (Glendora High School) to become the first "Chapter of the Season" (1st out of 115) through earning the most points
- Facilitated networking across chapters and managed chapter performance
- Assisted in creating educational neuroscience resources
- Participated in the 2023 Brain Bee Bootcamp

National Art Honor Society - President

2023 - Present

- Serving as president 2024-2025, guiding an honor society of 120 members to find their passion in art.
- Worked as the external activities director to plan and initiate various collaborations between [NAHS](#) and local organizations for 2023 - 2024.

Biology Club - Vice President

2023 - Present

- Oversaw club operations and events in order to promote personal passion for biology/neuroscience and help students with biology related classes or extracurriculars.
- Led events such as terrarium making and evolution activity

Hack the Lab - Executive Officer / Treasurer

2023 - Present

- Leading the sponsorship team for [Hack the Lab](#) hackathon, reaching out to numerous potential sponsors and judges, and managing the [Hack Club](#) fiscal bank account as the treasurer
- Oversaw all financial transactions, including [donations](#) through HCB, details regarding account and routing number, receiving checks, and sending out invoices

Programming Club - Workshops Director

2024 - Present

- Prepare & present weekly interactive workshops for members, usually teaching them a new and

interesting aspect of programming through having them complete the code in a Google Colab. Examples include geospatial processing of satellite imagery, building websites with HTML & CSS, & facial recognition algorithms.

Delilah - Growth Team / Ambassador

2023

- Worked with [Delilah](#), an AI software company, as a member of their growth team and an ambassador. Gained experience in fostering an organization's growth.

Silicon Valley Start-Up Club - Marketing Officer

2022 - 2023

- Promoted and facilitated [SVSC](#) nonprofit events with the goal to introduce members to entrepreneurship opportunities such as startup founder/VC investor lectures, demos, and startup tours that are commonly gated by paywalls or business connections.

Extracurriculars

Urban Heat Mitigation Project

2023 - 2024

- Developed a support tool to help city planners mitigate urban heat islands by optimally placing greenspace & reflective surfaces. Goal was to find the min air temperature estimate within an urban boundary based on a budget. Utilized a variation of Particle Swarm Optimization. Presented at the 2024 Earth Day event hosted by FUHSD Climate Collective.

Berkeley Bioengineering High School Competition ([BioEHSC](#))

2023

- Collaborated with four other members of Homestead Team A along with a mentor to form the bioengineering project proposal: "[Using E. coli and modified Bacillus subtilis for fluorescent biosensing and filtration of lead in water](#)" and presented [the proposal](#) to both academic and industry judges

Synopsys Science & Technology Championship

2023

- Collaborated with Ethan Thomas on a software engineering project: "Implementing the use of AI and Image Recognition to Optimize Food Storage in Refrigerators Through a Digital Interface" and presented it at the [Synopsys Science & Technology Fair](#).

Cleverly Creatives

2022 - Present

- Is an active member of the [Cleverly Creatives](#), an art journaling non-profit, and was published in one of their [magazines](#).

Cybersecurity Club - Co-Founder / Secretary

2022 - 2023

Future Physicians of America (FPA) - Member

2021 - 2023