Kevin Chang

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Education

University of California, Los Angeles (UCLA)   *Expected grad: June 2029*

Candidate for Bachelors of Science in Electrical Engineering
1 of 50 students selected from the class of 2029 for the New Bruin Leadership Academy.

Homestead High School - *Valedictorian*   Class of 2025

Dual Enrolled at De Anza College | UGPA: 4.0 | Coursework: General Psychology, Introductory Chemistry

University of California, Santa Barbara   Summer 2023

Attended the Summer Research Academies. Obtained lab experience in neuroscience & wrote a paper with two others: "The Role of the Hippocampus in Context-dependent Decision Making & Continual Learning."

Experience

International Youth Neuroscience Association - U.S. Western Lead   2023 - 2025

Oversaw 28 chapters, coordinated events, created educational labs, & supported chapter growth. Led Glendora High (USA011) to become the top IYNA chapter nationwide.

Inobis Academy - Co-Founder / Tutor   2022 - 2025

Co-founded 501(c)(3) nonprofit providing free STEM tutoring. Taught Algebra 2, Trig, & AP Physics 1. Organized over 500 sessions, promoted growth via marketing campaigns, & established office hours.

National Art Honor Society - President   2023 - 2025

Led a 70+ member chapter as 2024-25 president. Directed external collaborations in 2023–24.

Biology Club - Vice President   2023 - 2025

Organized events to promote biology, like terrarium making, test prep, bacterial colonies, etc for a ~30 member club.

Programming Club - Workshops Director   2024 - 2025

Ran weekly workshops on topics like facial recognition, R-based data analysis, NLP, etc for a ~40 member club.

Hack the Lab - Executive Officer / Treasurer   2023 - 2024

Led sponsorship outreach & managed finances via Hack Club Bank. Raised $1200+ worth of prizes.

Distinctions

Undercity Github x Hack Club Hackathon - 1st Place [*International*]   2025

Won 1st out of 60 teams/160 participants at the world's largest teen hardware hackathon hosted by Github & Hack Club. The 160 participants of the Undercity hackathon at Github HQ were invited from across the world out of 5,564 members that participated in Highway to Undercity based on an evaluation of project submissions. (Project: Automatic Toilet Paper Folder)

Chinese American Citizens Alliance National Essay Contest - Top 10 [*National*]   2025

Presidential Volunteer Service Award Teen Gold [*National*]   2022

Scholastic Art and Writing Awards - Gold Key + HM [*Regional*]   2023/2024

USA Biology Olympiad Certificate of Merit [*National*]   2024

Projects

Urban Heat Mitigation Project   2023 - 2024

Developed a tool to help city planners mitigate urban heat islands by optimally placing greenspace & reflective surfaces to minimize air temperature. Presented at 2024 FUHSD Earth Day.

Brain Computer Interface (BCI)   2024 - 2025

Built a BCI that records, filters, & amplifies alpha brainwaves. Gained circuit design & signal processing skills.

Skills

Programming: Python, Java, JavaScript, R, Geopy | Circuit Design: Kicad, EasyEDA, Signal Processing | Web Development: HTML, CSS, React, React Native | CAD: Fusion360, Onshape | Lab Techniques: Microscopy, Cryotomy, PCR | Design: Figma, Canva, Fine Arts