



# CLAIRE WANG

phillips academy class of 2023 | los angeles & boston  
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## EDUCATION

### Phillips Academy Andover ..... 2020-2023

Co-president of CS Club, Quiz Bowl Club, Biology Club, A-RISE, EVE Tech. Also, Makerspace guide, trained Peer Listener, digital editor of *The Phillipian*. Coursework includes: Linear Algebra, Formal Language Theory, Trauma Literature, Ethics of Technology (+ independent project), The Workshop.

### Stanford Online High School ..... 2019-2020

Coursework included: AP Physics C, AP Statistics, AP CS A, Modes of Writing & Argumentation, Leadership Course Series. President of Hack Club and Neuroscience Club; was Freshman Class VP.

### Ad Astra School ..... 2018-2020

Secondary school held at SpaceX Headquarters founded by Elon Musk & Josh Dahn. Coursework included: AP Calculus BC, Haskell & Ray Tracing, Causal Statistics, Synthesis, Engineering. President of Hack Club & School Co-President.



## RESEARCH

### Research Science Institute ..... June-August 2022

As part of the RSI program held at MIT, I researched at the Visual Attention Lab at Harvard Medical School/Brigham Women's Hospital under the mentorship of Dr. Jeremy Wolfe and Nathan Trinkl. I researched the Correlation Between Spatial and Temporal Massive Memory.

### UCLA Lab of Neuromodulation and Neuroimaging ..... 2018-Present

I have been interning at the UCLA LONN Lab within the Semel Institute for Neuroscience for the past few years, aiding in VR- and BCI-based research projects for human subjects, mainly focusing on human memory, spatial experiences, and how they are correlated with emotions (especially fear).

### MIT PRIMES & CSAIL ..... 2021-2022

As part of my 2021 PRIMES project, I worked at Julian Shun's lab (MIT CSAIL) where we did original research on using parallel computing for bi-core decomposition of bipartite graphs. Our paper and project won second at MSEF, won the 1st place Global Science Award and CS Award at S.T. Yau, and was accepted to the AMS-PME JMM22 & ACM-SIAM SODA23 conferences.



## WORK and PREVIOUS JOBS

### Hack Club Intern & Community Team ..... 2020-Present

I joined Hack Club as a new club leader in 2018 and ever since, I've grown with the organization. I joined as an intern the summer of 2021, where I worked on organizing the Hacker Zephyr (a cross-country train-based hackathon where we also developed a server to host, run, serve code) and donor fundraising. I've also been working as part of the Community Team (helping community projects, people feel welcome, and keeping it technical) since 2020. I also helped start the AMA program, hosting/assisting with interviews with people like Tom Preston-Werner, Gwynne Shotwell, Vitalik Buterin, Simone Giertz, and Elon Musk. [hackclub.com](https://hackclub.com)

### Anomaly Science COO ..... 2020-Present

I co-founded a startup with two friends— we use web3 technologies to provide easier access to resources typically reserved for traditional companies to developers and individuals. We are building a system for open source projects, tokenization of IP rights, and formation of codebases. Currently in our pre-seed round. [anomsci.com](https://anomsci.com)

### DeepAI Intern ..... 2019-2021

After working with DeepAI on a personal project using Mask R-CNNs for glioblastoma identification, I interned at DeepAI as a content developer doing research and writing articles on various topics in machine learning and the math/statistics behind it. [deepai.org](https://deepai.org)

## PROJECTS/COMMUNITY

### AngelHacks ..... 2019-Present

I founded and have been running AngelHacks for 2 of its iterations, the first of which was run in LA (where there were very little CS opportunities for pre-college students) at Snapchat HQ with 150+ attendees and ~\$5k raised, and the second was run online with ~1k attendees with ~\$13k raised. We ran dozens of workshops, provided middle and high school students with mentors, and provided an inspiring experience for many new coders. We also used some remaining funds from AH 1.0 to organize Halo, a non-profit to provide non-medical essential works in the LA area with KN95 face masks. [angelhacks.org](https://angelhacks.org)

### SineRider ..... May 2022-Present

A game of love, math, and graphing <3. We are a team of high school students and working with game developers to create a game with Hack Club and Chris Walker to teach players function composition through a beautiful game of skiing and love. Our prototype launch reached #2 on HackerNews and received attention from amazing people like Nicky Case and Grant Sanderson! Launching March 2023. [sinerider.com](https://sinerider.com)

### Nujjet ..... 2020-Present

As a student who finds it hard to focus, I wanted to create something that took advantage of new TMS/tDCS technology. We created a non-invasive BCI based technology that connected to a mobile device named TARDIS that won 1st place (Pete Conrad) at the Conrad Challenge in 2021 and later, when we rebranded to Nujjet, was accepted into the GATSVI Entrepreneurship camp where we began fundraising. (currently in hiatus)

## AWARDS & PROGRAMS

- Research Science Institute Scholar, @ Harvard Medical w/ Prof. Wolfe (Summer 2022)
- S. T. Yau Global Science First Place & Global CS Gold Award (Dec 2021)
- Global Pete Conrad Scholar, Cyber Track (May 2021)
- MSO International Speed Reading Champion (Aug 2020)
- SPARC Camper (Summer 2021)
- Vex Robotics Worlds VexAI THINK Award (May 2021)
- ACM-SIAM SODA APOCS23 Conference (Jan 2023)
- Joint Math Meeting AMS-PME Conference (Jan/Mar 2022)
- Quiz Bowl: MIT QB 1st place, Top 20 Nationals (2021, 2022)
- STS Top 300 Scholar (Jan 2023)
- USA Biology Olympiad Semifinalist (2021, 2022)
- Vex Robotics California State, 2nd place (Mar 2019)
- USA Memory Championship, 3rd place; assisted in organizing 2019 (Jul 2018)
- Scholastic Regional Gold Key for Critical Essay & Honorable Mention Art (2021)
- Disney+ Shop Class Show Contestant (2019) & Lifetime Child Genius TV Series (2016)
- A&P, Cell Biology 3rd Place @ HUSO (Feb 2022)
- Elliptic Curves Math Research, published on DeepAI (2018, 2019)

#### ADDITIONAL SKILLS:

- CS abilities (web dev & design, machine learning, c++, algorithms, data visualization, game dev)
- graphic design + ui/ux
- writing (scientific, business, creative)
- data journalism
- debate (policy, parliamentary)
- neuroscience & memory research
- community management
- Mandarin
- leadership
- communication & teamwork
- public speaking
- acting (theatre/film)