



# CLAIRE WANG

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## EDUCATION

### MIT

Incoming class of 2027; planning on studying CS + Neuro.

2023-2027

### Phillips Academy Andover

2020-2023

Co-president of CS, Quiz Bowl, Bio, Scioly, and EVE Tech Clubs. Also, Makerspace guide, Peer Listener, digital editor of *The Phillipian*. Coursework included: LinAlg, Formal Lang Theory, Trauma Lit, Ethics of Tech (+ independent project), The Workshop.

### Stanford Online High School

2019-2020

Coursework included: AP Physics C, AP Statistics, AP CS A, Leadership Course Series. Ran Hack Club, Neuroscience Club; was Freshman Class VP.

### Ad Astra School

2018-2020

Secondary school held at SpaceX HQ founded by Elon Musk & Josh Dahn.



## RESEARCH

### Research Science Institute

Summer 2022 & 2023

As part of the RSI program held at MIT, I researched at the Visual Attention Lab at Harvard Medical/BWH under the mentorship of Dr. Jeremy Wolfe and Nathan Trinkl. I researched the Correlation Between Spatial and Temporal Massive Memory. I am an RSI counselor in Summer 2023.

### UCLA Lab of Neuromodulation and Neuroimaging

2018-Present

Intern @ 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

For 2021 PRIMES, I worked at Julian Shun's lab (MIT CSAIL) where we researched parallel computing for bi-core decomposition of bipartite graphs. Our paper won 2nd at MSEF, 1st place Global Science and CS Awards 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 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 (keeping the community wholesome & 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, Nicky Case, and Elon Musk. [hackclub.com](https://hackclub.com)

### Anomaly Science COO

2020-Present

We use web3 technology 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've run AngelHacks for all 3 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, the second was run online with ~1k attendees with ~\$13k raised, and the third as a 24-hour game jam in Boston. We ran workshops, provided middle and high school students with mentors, and provided an inspiring experience for many new coders. I 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 & WARP Camper (Summer 2021, Winter 2023)
- 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)