

CLAIRE WANG

phillips academy class of 2023 | los angeles & boston
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EDUCATION

Phillips Academy Andover 2020-2023

I run various clubs on campus (like CS Club, Quiz Bowl, Bio Club, ...) and also am digital editor of the *Phillipian*, the school newspaper. GPA: 5.76/6

Stanford Online High School 2019-2020

Took classes such as AP Physics C, MWA, MSB, Leadership Course Series, and was Freshman Class VP. Led the Neuroscience & Hack Club. GPA: 3.88

Ad Astra School 2018-2020

School held at SpaceX Headquarters founded by Elon Musk & Josh Dahn, where I studied calculus, causality, Haskell, and so on. I was also school president for two years in a row.



RESEARCH

Research Science Institute June-August 2022

As part of the RSI project held at MIT, I did research at the Visual Attention Lab at Harvard Medical School/Brigham and 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

My 2021 PRIMES project was at Julian Shun's lab in MIT CSAIL where me and a partner 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 conference.



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 was a summer intern in 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, and sync code projects) and fundraising. I've also been working as part of the Community Team (helping community projects, people feel welcome, and keeping it technical). I also started the AMA program and hosted/helped with interviews with people like Tom Preston-Werner, Gwynne Shotwell, Vitalik Buterin, Simone Giertz, and Elon Musk.

Anomaly Science COO 2020-Present

I co-founded a startup with two friends and we use Web3 technologies to provide easier access to researches typically reserved for traditional companies to developers and individuals. We are building a management system for open source projects, tokenization of IP rights, and formation of codebases and DAOs and are currently in our Series A round.

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.

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. I also used some remaining funds from AH 1.0 to run Halo, a non-profit to provide non-medical essential works in the LA area with KN95 face masks.

SineRider May 2022-Present

A game of love, math, and graphing <3. I led a team of high school students and working with game developers to create a game with 3b1b (Grant Sanderson) and Polytroper (Chris Walker) to teach players the wonders of function composition through a beautiful game of skiing and love. Our prototype launch reached #2 on the front page of HackerNews and got lots of feedback from amazing people like Nicky Case and Grant Sanderson!

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 (Summer 2022)
- S. T. Yau Global Science First Place & Global CS Gold Award (Dec 2021)
- Pete Conrad Scholar (May 2021)
- MSO International Speed Reading Champion (Aug 2020)
- SPARC Camper (Summer 2021)
- Vex Robotics Worlds VexAI THINK Award (May 2021)
- Joint Math Meeting AMS-PME Conference (Jan/Mar 2022)
- Quiz Bowl, MIT QB 1st place, Top 20 Nationals (2021, 2022)
- USA Biology Olympiad Semifinalist (2021, 2022)
- Vex Robotics California State, 2nd place (Mar 2019)
- USA Memory Championship, 3rd place (Jul 2018)
- Scholastic Regional Gold Key for Critical Essay & Honorable Mention Art (2021)
- A&P, Cell Biology 3rd Place @ HUSO (Feb 2022)
- Disney+ Shop Class Contestant (2019)
- Elliptic Curves Math Research, published on DeepAI (2018, 2019)

SKILLS:

- CS abilities (web dev & design, machine learning, c++, algorithms, data visualization, game dev)
- graphic design + ui/ux
- writing
- data journalism
- debate (policy, parliamentary)
- neuroscience & memory research
- community management
- mandarin
- leadership
- communication & teamwork
- organizational/management