

Claire Wang

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Education

Massachusetts Institute of Technology (MIT)

Cambridge, MA · *Expected grad: May 2027* · GPA: 4.6/5

Candidate for bachelor's degree (BA) in Electrical Engineering Computer Science and minor in Neuroscience. Involved with HackMIT, Code for Good, and Harvard Policy Debate. *Relevant coursework:* Grad. Deep Learning, Computation Structures, Data Structures & Algorithms, Grad. Sensorimotor Learning, Experimental Neurobiology, C & Assembly, Data Visualization, Linear Algebra.

Phillips Academy Andover

Andover, MA · 2020 - 2023

Co-president of CS, Quiz Bowl, Biology, and SciOly Clubs; Makerspace Guide, Peer Listeners, & Digital Editor of *The Phillippian*. *9th grade:* Stanford OHS.

Skills

Technical Skills: Machine Learning (PyTorch, Mech Interp, Deep Learning), Web Development (React.js, Next.js, etc.), Graphic Design (Figma, Adobe Illustrator), C++ (backend & algorithms), Python, Java, Fusion360/CAD, RF electronics/signal processing, 3D Fabrication, Data Visualization (d3.js, three.js, data journalism), data analysis, academic research, GitHub/project management, general wet lab, microscopy, MRI.

Other skills: Teaching, Debate, Acting (theater/professional film/television), Writing (scientific, business, creative), Production, Policy, Investing/VC.

Languages: English (native) & Mandarin (fluent).

Work Experience

Apple: CoreOS Intern

2025-Present

Incoming intern for the Apple CoreOS team, consumer-facing OS features for Apple's ecosystem + retail and internal-tooling.

E11 Bio ML and Computation

Jan 2025-Aug 2025

Building accurate and efficient ML and computer vision data analysis pipelines as well as building front-end interfaces for human and mouse brain images, all working towards having the whole mouse brain connectome and a much lower cost. Also working on some therapeutics analysis with disease-type samples.

Contrary Capital: Venture Partner

2023-Present

Contrary identifies and invests in the world's top talent. The firm has helped create more than \$10 billion in value through company investments.

Hack Club: Intern & Community Team

2018-2023

Lead producer of a web-based game exploring function composition through love & skiing. Public beta launched May 2023 & reached 2nd on HackerNews. sinerider.com. Helped create/hosted AMA program, with speakers like Elon Musk, Nicky Case, Sal Khan. Also developed the ZephyrNet and organized the Hacker Zephyr: a cross-country hackathon. zephyr.hackclub.com hackclub.com

AngelHacks: Director

2019-2023

Founded & Directed AngelHacks for all 3 iterations: 1st in LA @ Snapchat HQ, 2nd online w/ >1k attendees, and 3rd as a game jam in Boston. Raised ~\$30k in financial donations & worked with >60 judges and mentors. angelhacks.org

DeepAI Intern

2019-2021

Worked on AI/ML content & CNN meta-learning testing for Zendo, a computer vision model for auto-labeling. deepai.org

Nujjet (prev. TARDIS)

2020-2022

A non-invasive BCI (EEG + tDCS) based startup to build better habits through nudges & predictive AI. Won 1st at the Conrad Challenge in 2021 & was offered funding by GATSVI Startups. (hiatus)

Research Experience

Boyden Lab @ MIT McGovern Institute

Cambridge, MA · 2023-Present

Project: *Towards Whole Nervous System Emulation*, working on reverse-engineering a *C. elegans* nervous system through state-of-the-art microscopy imaging using DISPIIM and SCAPES, mapping with deep learning models (i.e. RNNs) to emulate biological agents, designing voltage indicators & working with expansion sequencing, 3d design, and miscellaneous tasks for "brain uploading," under Davy Deng. Overall brain emulation project is in collaboration with other labs.

Jasanoff Lab @ MIT McGovern Institute / MIT CSAIL

Cambridge, MA · 2023-Present

Project: *Designing MRI Probeheads for in-vivo Imaging*, building complex RF phase-array circuits for rats & marmosets, under Kevin Chung. Work extensively with 3D fabrication, NMR spectroscopy, MRI imaging, circuit design/operation, and general signal processing.

MIT PRIMES & CSAIL

Cambridge, MA · 2020-2022

Paper title: *Parallel Computing for Bi-core Decomposition of Bipartite Graphs* under Prof. Julian Shun & Jessica Shi. Paper won 2nd at MSEF, 1st Global at S.T. Yau, presented at the AMS-PME JMM22 Conference & **published** at the ACM-SIAM SODA23 Conference. *2nd year:* Broad Institute computational biology work on single-cell RNA sequencing analysis (ended early due to RSI).

Research Science Institute Researcher @ Visual Attention Lab

Boston, MA · Summer 2022, 2023

Paper title: *Correlation Between Spatial and Temporal Massive Memory* at Harvard Medical School under Prof. Jeremy Wolfe for the RSI program. Was also a counselor at RSI in 2023 while working on Reinforcement Learning research under R. Dangovski & M. Tomov (hiatus).

UCLA Lab of Neuromodulation and Neuroimaging

Los Angeles, CA · 2018-2022

UCLA LONN Lab in the Semel Institute for Neuroscience, researched human fear and memory using BCI & VR technology

Additional Awards/Programs

- AI Alignment Research Engineer Accelerator (ARENA) (2024)
- Davidson Institute Fellowship Scholar (2023)
- S. T. Yau Global Science 1st & CS Gold (2022)
- Global Pete Conrad Scholar (1st), Cyber Track (May 2021)
- SPARC & WARP Camper, ESPR Counselor (2021, 2023, 2024)
- VexAI Robotics Worlds THINK Award (May 2021)
- ACM-SIAM SODA APoCS & JMM Conferences (2022, 2023)
- USA Memory Championship, 3rd place; organized (2019, 2024)
- STS Top 300 Scholar (Jan 2023)
- Emergent Ventures Grantee (2025)
- Foresight Institute Fellow & Technical Advisor (2025)
- Age1VC Venture Fellow (2025)