

Stephanie Wan

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EDUCATION

Yale University, New Haven, CT August 2025 - May 2029
BS in Computer Science and Mathematics GPA: 4.0/4.0
Relevant Coursework: Linear Algebra; Superintelligence, Entrepreneurship, and Narrative; Discrete Math; Data Structures and Programming Techniques; Machine Learning
Activities: Women in CS Board, YHack (raised \$100k), Brain-Computer Interface research under Prof. Bhattacharjee

Lexington High School, Lexington, MA August 2021 - May 2025
GPA: 4.15/4.33 (UW) SAT: 1580 (780 R&W/800M)

WORK EXPERIENCE

Two Sigma, *Software Engineer Intern*, NYC June - Aug 2026

- Built Python library to model market impact

Ramp, *Applied AI Intern @ Ramp Labs*, NYC Mar - May 2026

- Investigated alignment faking in LLMs via Activation Oracles (personality & layer ablation mech interp)
- Built simulator and visualizer for Recursive Language Models & other agent harnesses to study token spend/accuracy
- Created vibecoding keyboard (software + firmware), filmed video for Ramp X

Trajectory Labs, *Adversarial AI Red Teamer*, Remote Nov - Dec 2025

- Prompt injection attacks for AI safety evals for frontier AI labs.

Charles Stark Draper Laboratory, *AI/ML Intern*, Cambridge, MA Jun - Aug 2025

- Developed AI tool for automatic file standardization with Dash, LLMs, and RAG
- Built Streamlit (Python) app to process and display nuclear data (previously were using spreadsheets)

MIT PRIMES Research, *Student Researcher*, Boston, MA Jan 2023 - May 2025

- Conducted research in AI/ML at Harvard Medical School's Biomedical Cybernetics Lab, mentored by Dr. Gil Alterovitz.
- Developed generative AI app with chatbot and computer vision models to increase health and wellness engagement.
- Fine-tuned ML models for authorship verification & mechanistic interpretability (explainable AI), independently awarded grant by Trelis AI Grants: [slideshow link](#)

AI in English Research, *Student Researcher*, Lexington, MA Apr 2023 - May 2025

- Presented research of students' psychology around AI @ Oxford + Teacher Development Day @ Lexington HS.
- Published @ The Qualitative Report; DOI: [10.46743/2160-3715/2025.7324](https://doi.org/10.46743/2160-3715/2025.7324)

Data Science Research, *Student Researcher*, Remote Jan - Sep 2024

- Metascience + network science research w/ paper title similarity and Altmetric scores under CMU's Dr. Ganesh Mani.
- Hosted Workshop on The Role of Data and AI in Health, Wealth and Wisdom: A K-12 perspective at IEEE AIXHEART.

PROJECTS & LEADERSHIP EXPERIENCE

Lexington Informatics Tournament, *Executive Organizer*, Lexington, MA Apr 2022 - May 2025

- Cybersecurity contest for 2,000+ teams in 73 countries, \$10,000+ in sponsorship prizes. <https://lit.lhsmathcs.org/>

Lexington Sprouts, *Founder*, Lexington, MA June 2021 - May 2025

- Not-for-profit science program for middle schoolers with 120+ students and 20+ teachers. <https://allthesprouts.org/>

SKILLS AND INTERESTS

- Computer Skills:* Java, Python, C, C++, HTML, CSS, JavaScript, Databases/MySQL, Computer Vision, Natural Language Processing, TensorFlow, PyTorch, Sklearn, Algorithmic Optimization, Langchain, Huggingface
- Traditional art (oil painting, colored pencil)

AWARDS AND HONORS

- Jane Street WiSE - math, computer science, probability in quantitative trading 2025
- Citadel Discovery 2026
- SPARC 2022, ASPR 2024
- Best Overall (MVP) MIT BWSI Embedded Security and Hardware Hacking 2024
- AIME x3
- Non-trivial Fellow (100 of 20,000+ applicants) 2023, Facilitator/Mentor 2024 (Biosecurity, AI)
- Stock Market Game InvestWrite 1st MA, 4th nationally
- InspiritAI Deep Dives AI/NLP alignment, interpretability, RAG, and de-biasing, AI Camp Computer Vision