

Stephanie Wan

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EDUCATION

Yale University, New Haven, CT August 2025 - May 2029

BS in Computer Science and Mathematics

Relevant Coursework: Linear Algebra; Introduction to Computer Science; Superintelligence, Entrepreneurship, and Narrative; Science of Modern Technology and Public Policy

Lexington High School, Lexington, MA

GPA: 4.15 (UW)

August 2021 - May 2025
SAT: 1580 (780 R&W/800M)

WORK EXPERIENCE

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

- Collaboratively developed AI/ML app for automatic file standardization using Dash, LLMs, and RAG.
- Built Streamlit application processing and displaying nuclear data, presented to stakeholders across central lab.

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

- Conducted independent and team research projects in computational biology w/ AI/ML at Harvard Medical School's Biomedical Cybernetics Lab, mentored by Dr. Gil Alterovitz.
- Presented [bioinformatics research](#) at the MIT PRIMES October Conference & MathROCS to 40+ and 30+ people, posted on MIT PRIMES website.
- Team research project in applying generative AI to health and wellness.
- Independent research on fine-tuning for authorship verification & mechanistic interpretability, funded by Trellis AI Grant

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

- Research into AI's effect on English classrooms as part of the Lexington Student Research and Publication Committee.
- Presented research at Oxford lecture & Teacher Development Day at Lexington High School.
- 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 and simulation research 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

- Wrote cybersecurity challenges and led logistics for 2,000+ teams in 70+ countries, led Sponsorship Committee, securing \$10,000+ in sponsorship prizes. <https://lit.lhsmathcs.org/>

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

- Founded not-for-profit summer science program for middle schoolers with 120+ student applicants and 20+ teachers. <https://allthesprouts.org/>

Lexington Math and Computer Science Club, *Captain*, Lexington, MA Oct 2021 - May 2025

- Cybersecurity and algorithmic computer science, grew from 5 to 40+ members, fundraised \$1400+ <https://lhsmathcs.org/>

SKILLS AND INTERESTS

- *Computer Skills:* Computer programming, C++, Java, Python, R, HTML/CSS/JS, NetLogo, Machine Learning, AI, Computer Vision, Natural Language Processing, Visual

AWARDS AND HONORS

- WiSE Participant - learning math, computer science, and probability concepts in trading at Jane Street
- SPARC 2022, ASPR 2024, Explore Fellowship 2023
- Best Overall (MVP) MIT Beaver Works Summer Institute Embedded Security and Hardware Hacking 2024
- AIME Qualification x3
- Non-trivial Fellow (100 of 20,000+ applicants) 2023, Facilitator/Mentor 2024 (Biosecurity, AI)
- Congressional Art Competition 2nd MA
- Stock Market Game InvestWrite 1st MA, 4th nationally
- InspiritAI Deep Dives, AI Camp Computer Vision Project
- 1st place overall at Hacknight hackathon with Chrome Extension