

Susie S.Y. Li

Visualization · AI/ML · Interaction · Design · Research

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Education

- Aug. 2025 — pres. Tufts University, Boston, MA
PhD, Computer Science
- Aug. 2025 Tufts University, Boston, MA
BS/MS, Computer Science
- May 2025 School of the Museum of Fine Arts, Boston, MA
Cross Registration, Data & Info Visualization
- 2024 Harvard Graduate School of Design, Cambridge, MA
Architecture Design Discovery (Studio)
- 2024 Columbia GSAPP, New York, NY
Architecture Studio

Research Experience

- May 2026 — pres. Apple Research, Cambridge, MA
Research Intern, Human-Centered Machine Intelligence Group
- Aug. 2025 — pres. Tufts University, Boston, MA
Graduate Research Assistant

Awards

- Nov. 2025 IEEE VIS 2025 SciVis Contest, Vienna, Austria
Honorable Mention — AlloyLens
[Paper](#) [Demo](#) [Code](#) [Slides](#) [Award](#)
- Feb. 2025 Information is Beautiful Awards, Boston, MA
"What does Boston smell like in November?" Boston Scentscape: Data Mapping as a Creative Practice
[Demo](#) [Award](#)
- Feb. 2025 Information is Beautiful Awards, Boston, MA
A Female Constellation: 100 Years of Curatorial History at the MoMA
[Award](#)
- 2020 — 2024 Dean's List, Boston, MA
Tufts University

Teaching

Fall 2026	Graduate Teaching Assistant, Boston, MA <u>CS136: Statistical Pattern Recognition</u> , Instructor: Harry Bendekgey
Fall 2025	Graduate Teaching Assistant, Boston, MA <u>CS175: Computer Graphics</u> , Instructor: Remco Chang
ing 2024, Fall & Spring 2025	Teaching Assistant, Boston, MA CS119: Big Data, Instructor: Jitendra Singh
Fall 2023	Teaching Assistant, Boston, MA CS119: Big Data, Instructor: Andrew Winslow
Spring 2023	Teaching Assistant, Boston, MA CS119: Big Data, Instructor: Jitendra Singh
Summer 2022	CSS25 Entrepreneurship & Innovation Bootcamp, Boston, MA Tufts Derby Entrepreneurship Center

Invited Talks + Lectures

Apr. 2026	Visualization as Translation: Controlling Latent Spaces with Visualization, Boston, MA Tufts University, Visual Analytics (CS178), Instructor: Prof. Remco Chang Code Slides
Dec. 2025	Three.js: WebGL for Interaction, Storytelling, & Experimental Graphics, Boston, MA Tufts University, Computer Graphics (CS175), Instructor: Prof. Remco Chang Demo Slides
Nov. 2025	Hierarchical Scene Graph and Animation, Boston, MA Tufts University, Computer Graphics (CS175), Instructor: Prof. Remco Chang
Nov. 2025	AlloyLens: Visual Analytics for High-Throughput Alloy Inverse Design, Vienna, Austria IEEE VIS 2025 Scientific Visualization Contest Paper Demo Code Slides Award
Oct. 2025	AlloyLens: Human-In-the-Loop Inverse Alloy Design, Golden, CO NSF HDR Institute for Data-Driven Dynamical Design (ID4) Conference Article

Service

2026 — pres.	Conference Reviewer IEEE Visualization (VIS)
2025 — pres.	CodeToPhd Hosted monthly 1-1 meetings to mentor undergraduate students applying to CS / related PhD programs.

- 2024 — pres. **Tufts Admissions Interviewer**
Conducted interviews with Tufts undergraduate applicants.
- 2024 — 2025 **Tufts Undergraduate Law Review**
Law Journal Editor
- 2019 — pres. **Varsity Debate Judge + Coach**
Judged + coached students for tournaments including Harvard Invitationals, Stanford Invitationals, ToC, NSDA Nationals.

Skills

Programming

Python, HTML / JavaScript / CSS, C++

Design software + tools

Rhino + Grasshopper, Adobe Illustrator + Photoshop, Figma

Languages

English, Mandarin Chinese