

Michelle Liang

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EDUCATION

Massachusetts Institute of Technology | Cambridge, MA

May 2025

- B.S. in Humanities and Engineering (Comparative Media Studies and Computer Science)
 - GPA: 4.6/5.0
 - Relevant Coursework: Introduction to Machine Learning, Computation Structures, Fundamentals of Programming, Mathematics for Computer Science, Linear Algebra, Web Lab, Introduction to Algorithms, Interactive Data Visualization and Society, Introduction to Low-level Programming in C and Assembly
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WORK EXPERIENCE

The Last Mile | Remote

June 2023 - August 2023

Software Engineering Curriculum Intern

- Designed and developed grading guides for all minor assignments in the Web Development Fundamentals (WDF) course for justice-impacted individuals.
- Adapted material and drafted additional assignments for their Python curriculum within WDF.
- Attended virtual thesis presentations and provided feedback to students in The Last Mile's MERN back-end course.

MIT Scheller Teacher Education Program (STEP) Lab | Cambridge, MA

June 2022 - May 2023

Website Developer

- Designed a carousel that dynamically scrapes images and text from StarLogo Nova's wiki for StarLogo Nova (<https://www.slnova.org/>), an educational modeling and coding program for middle and high schoolers.
 - Implemented interactive tool-tips that dynamically scrape text from the wiki when a code block is hovered, providing the user more information on specific pieces of code.
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RESEARCH

Collaborative Research: Designing Computational Modeling Curricula across Science Subjects to Study How Repeated Engagement Impacts Student Learning throughout High School | Cambridge, MA 2023

STEP Lab/National Science Foundation

- Contributor on an NSF-supported project for my work on StarLogo Nova.

Themes of Settler-Colonialism in Games | Cambridge, MA

September 2023 - Present

MIT Game Lab

- Critically analyzes the context surrounding Anglo-American board games and how they perpetuate themes of settler-colonialism through narrative themes and game mechanics.
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PROJECTS

Homemade | <https://homemade-game.herokuapp.com>

January 2022

Visual Novel/Platformer

- Primarily focused on front-end development and assisted in art and environment design.
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LEADERSHIP EXPERIENCE

MIT MissBehavior Co-President

May 2023 - Present

- MissBehavior is an intermediate/advanced showcase dance team for marginalized gender identities. Responsible for organizing team practices and registering for competitions and shows to perform.

Lecture Series Committee (LSC) Refreshments Director

September 2022 - Present

- Restocks the refreshments inventory and trains new members for LSC, MIT's student-run movie theater.

MIT DanceTroupe Show Historian

December 2022 - Present

- Currently show historian for DanceTroupe (100-200 members every semester). Responsible for editing videos of each semester's show for the club's distribution and historical purposes.
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SKILLS

Programming Languages: Python, HTML/CSS, JavaScript, jQuery, React (exposure), SQL (exposure), C, Assembly

Software: GitHub, GitLab, Adobe Suite, Asana (exposure), Unity (exposure)

Languages: Mandarin Chinese (conversational fluency)