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: Fundamentals of Programming, Mathematics for Computer Science, Linear Algebra, Web Lab: A Web Programming Class and Competition, Introduction to Algorithms, Interactive Data Visualization and Society, Introduction to Low-level Programming in C and Assembly

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 Last Mile's Web Development Fundamentals (WDF) course for justice-impacted individuals.
- Adapted material and drafted additional assignments for their Python curriculum in the WDF course.
- 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
- Redesigned the homepage for StarLogo Nova (https://www.slnova.org/), an educational modeling and coding program for middle and high schoolers. Designed a carousel that dynamically scrapes images and text from StarLogo Nova's wiki for the new homepage. Changes are currently being implemented.
- Implemented interactive tool-tips that dynamically scrape text from StarLogo Nova's wiki whenever a code block is hovered, providing the user more information on specific pieces of code.

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.
- Synopsis: Explore new recipes to make for your mother, who's sick in bed.

LEADERSHIP EXPERIENCE

MIT MissBehavior Co-President   May 2023 - Present
- MissBehavior is a competitive dance team for marginalized genders.
- Responsible for organizing team practices, registering for competitions and shows to perform, and ensuring practice is utilized efficiently to finish our pieces on time.

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.
- Sold drinks, candy, and popcorn to audiences over the weekends, between 20-300+ people per showing.

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.
- Choreographed hip-hop pieces for the team.

CLUBS AND ACTIVITIES

MIT Asian Dance Team   September 2021 - December 2022
- Performed traditional East Asian dances and modern Korean hip-hop dances for 3 shows every semester (200-300 members every semester, ~150 audience members per show).

SKILLS

Programming Languages: Python, HTML/CSS, JavaScript, React (exposure), SQL (exposure), C, Assembly
Software: GitHub, GitLab, Adobe Premiere Pro, Adobe Photoshop, Adobe AfterEffects, Asana (exposure)
Languages: Mandarin Chinese (conversational fluency)