

Selina Li

New York, NY • (347) 837-3260 • selina04@mit.edu • liselina.com

Education

Massachusetts Institute of Technology(MIT)

GPA: 5.0 / 5.0

Bachelor's in Computer Science, **relevant coursework:** Introduction to Algorithms(6.1210), Fundamentals of Programming (6.1010)

New York, NY

Expected May 2026

The Bronx High School of Science

GPA: 4.0 / 4.0, graduated in the top 5% of my graduating class

New York, NY

September 2018-June 2022

Jane Street AMP Program

Student

New York, NY

June 2022-August 2023

- Participated in the inaugural summer of Jane Street's Academy of Math and Programming (AMP), a rigorous 5-week program focusing on computer science, combinatorics, and number theory.

Leadership

Society of Women Engineers(SWE)

Administrative Officer

Cambridge, MA

September 2022-Present

- Coordinate and plan SWE's SWExplorer program for Freshmen, maintain the corporate and school newsletter, and organize event spaces.
- Facilitate inter-department board meetings and contribute to outreach and planning of corporate-related events, helping to promote the university to potential employers.

FIRST Robotics Competition Team

Communications Head

New York, NY

September 2018-June 2022

- Applied for grants, requested sponsorships, and effectively managed administrative tasks, fundraising over \$20,000.
- Sought to mitigate educational inequalities through free online lessons, podcasts, and community initiatives.

WomanKind

Intern

New York, NY

September 2020-September 2021

- Designed an advocacy campaign to raise awareness of teen dating violence and furthered Womankind's mission to use the multidimensionality of Asian heritage to work alongside survivors of gender-based violence.

Relevant Experience

UROP Data Science Analysis Project

Research Assistant

Cambridge, MA

December 2022-Present

- Researching the impact of physician-scientists on innovation. Managing relevant databases and developing an algorithm to address author name disambiguation issues to improve data analysis.
- Reviewed papers and learned how to make API requests to OpenAlex, NIH, ClinicalTrials, and PatentsView and navigate SQL and NoSQL databases.

EIEA Summer Camp

Teacher

New York, NY

June 2023-August 2023

- Taught the fundamentals of Python programming to high school students, and covered a wide range of topics, including data structures and recursive programming. Taught the fundamentals to middle school students using the Scratch programming language.
- Developed and delivered engaging grade-targeted lessons that helped students learn the material in a meaningful way.

Teaching at MIT

Learning Assistant

Cambridge, MA

December 2022-Present

- Assisted with the TEAL program for Physics II: Electricity and Magnetism (8.02), actively contributing to student learning and success. Currently serving as a Learning Assistant for the Fall 2023 semester in the Introduction to Algorithms (6.1210) course, responsible for conducting office hours and providing essential support for course content and examinations.

Skills & Interests

Technical: Proficiency in Python | Understanding of C, Javascript, HTML, CSS | Microsoft Suite

Interests: UI Design | Data Structures and Algorithms | Statistical Analysis