

Isabella Li

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Education

Lexington High School

Fall 2023 – present

Mathematics Courses: Precalculus (9th grade), AP Calculus BC (10th grade)

Harvard Extension School Multivariable Calculus and Linear Algebra (11th grade).

GPA: 4.14/4.33, freshman and sophomore year

CS experience.....

C++, Python, \LaTeX , Java, HTML, CSS, JavaScript.

Academic Distinctions

USAMO Qualification: 2025

USABO Open Honorable Mention: 2025

USAMTS Silver Award: 2025

Young Women in Mathematics AMC10 Award Recipient: 2025

National French Contest Gold Award: 2024

John Locke Essay Competition Shortlist: 2023

Non-Academic Distinctions

Scholastic Art Regional Honorable Mention: 2025

Charleston 2025 Summer Music Competition First Prize: 2025

MMEA All-State Composer: 2025

President's Volunteer Service Gold Award: 2024

Standardized Test Scores

PSAT/NMSQT: 1480/1520 (2024)

Math Competition Results

2025 Girls in Math at Yale: Guts Round 1st

2025 AIME II: 12/15

2024-25 USAMTS: 74/75

2024 AMC 10B: 141/150

2024 AMC 10A: 139.5/150

2024 Yale MMATHS: Team Overall 2nd

Summer Activities

PROMYS:

Summer 2025

Took course on Number Theory and presented on Euler's Theorem and Pick's Formula.

SUMaC Online Program I:	<i>Summer 2025</i>
Took course on Abstract Algebra and Number Theory and presented on the Rivest–Shamir–Adleman Cryptosystem.	
G2 Math Program:	<i>Summer 2024</i>
Took courses on Olympiad math.	
PROMYS Pathways Summer Program:	<i>Summer 2024</i>
Took course on number theory and audited PROMYS’s number theory lectures.	
Yau Tsinghua Mathcamp:	<i>Summer 2023</i>
Took courses in Analytics and Number Theory and Linear Algebra. Presented on sums of squares.	

Activities

MIT PRIMES:	<i>2025</i>
Reading track, learning about topology and differential geometry.	
Lexington High School Math Team: Captain	<i>2025 – present</i>
Organizing events, writing problems, participating in competitions.	
Lexington High School Linguistics Club: Founder	<i>2025 – present</i>
Organizing club events and fundraising events.	
Boston Youth Symphony Repertory Orchestra: Percussionist	<i>2024 – present</i>
Performing concerts.	
Lexington High School Wind Ensemble: Percussionist	<i>2024 – present</i>
Performing concerts.	
Lexington High School Japanese Club: President	<i>2025 – present</i>
Organizing events.	
BostonX Group: Co-Founder	<i>2023 – present</i>
An organization that creates educational content which focuses on the mental health of the youth population. Assistant curator of “From Péon Xu to A.I.”, an exhibition of Péon Xu’s artistic works at Boston University (2024).	
Lexington High School French Club: Leader	<i>2024 – present</i>
Organizing club events and coordinating fundraising events.	
Youth STEAM Initiative: Project Leader	<i>2023 – present</i>
Based in Lexington MA, we help various communities design websites, implement events, track budget and more.	
Lexington High School JV Girls Basketball Team: Player	<i>2023 – 2024</i>

Paid Work Experience

Expil Inc (Po-Shen Loh LIVE Communication Training program):	<i>2025</i>
Teaching content equivalent to Algebra 1 and 2.	