

# Isabella Li

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## Education

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### 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, L<sup>A</sup>T<sub>E</sub>X, Java, HTML, CSS, JavaScript.

## Academic Distinctions

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**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

**AP Scholar with Distinction:** 2025

## Non-Academic Distinctions

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**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

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**PSAT/NMSQT:** 1480/1520 (2024)

**AP Computer Science Principles, AP Computer Science A, AP Calculus BC , AP Biology, AP World History, AP Chinese:** 5/5 (2024, 2025)

## Math Competition Results

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**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

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

## Activities

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<b>MIT PRIMES:</b>	<i>2025</i>
Reading track, learning about topology and differential geometry.	
<b>Lexington High School Math Team:</b> Captain	<i>2025 – present</i>
Organizing events, writing problems, participating in competitions.	
<b>Lexington High School Linguistics Club:</b> Founder	<i>2025 – present</i>
Organizing club events and fundraising events.	
<b>Boston Youth Symphony Repertory Orchestra:</b> Percussionist	<i>2024 – present</i>
Performing concerts.	
<b>Lexington High School Wind Ensemble:</b> Percussionist	<i>2024 – present</i>
Performing concerts.	
<b>Lexington High School Japanese Club:</b> President	<i>2025 – present</i>
Organizing events.	
<b>BostonX Group:</b> 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).	
<b>Lexington High School French Club:</b> Leader	<i>2024 – present</i>
Organizing club events and coordinating fundraising events.	
<b>Youth STEAM Initiative:</b> Project Leader	<i>2023 – present</i>
Based in Lexington MA, we help various communities design websites, implement events, track budget and more.	
<b>Lexington High School JV Girls Basketball Team:</b> Player	<i>2023 – 2024</i>

## Paid Work Experience

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