

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

## Activities

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

## Paid Work Experience

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