

## **Ethan Lo**

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### **Education**

**Walton High School** STEM Program – Advanced Math and Science Pathway  
Unweighted GPA 3.933. Weighted GPA 4.683.  
SAT: 1560 (M: 800, R&W: 760)

Marietta, GA  
May, 2026  
March 8, 2025

### **Georgia Institute of Technology DE**

Atlanta, GA

GPA: 4.0.

Linear Algebra (A), Multivariable Calculus (A), Intro to Object Oriented Programming (A), Applied Combinatorics (A), Differential Equations (IP).

### **Experience**

#### **ScoutOut, Harvard Undergraduate Ventures-TECH Summer Program**

Marietta, GA

##### **Intern**

June 2025 – July 2025

- Developed a ML scoring system that ranked investment potential of off-market estate properties.
- Integrated Zillow public data, historical pricing trends, and market signals/macroeconomic factors.
- Presented an interactive demo to the company founder, ex-Amazon

#### **Walton Math JV Coach, Mathnasium (paid), Private Tutoring (paid), GMAC (paid) Online / Marietta, GA**

##### **Math, Coding, & Cello Tutor**

August 2023 – Present

- Coached Walton Math JV Team practices, mentoring students and strategizing for competitions
- Delivered Mathnasium curriculum, enhancing students' mathematical reasoning and problem-solving
- Designed and customized one-on-one lessons in mathematics and Python online
- Personalized beginner private lessons for cello students, developing technical and musical foundations

#### **Inspirit AI Scholars & 1:1 AI Research Mentorship Program**

Online

##### **Scholar Researcher**

July 2024 – March 2025

- Spearheaded a team that researched exoplanet validation with ML models under a Stanford MS.
- Conducted research on cyclone forecasting with historical data under a Harvard PhD.
- Published two independent research papers to arXiv as first-author.

### **Leadership and Activities**

#### **Computer Science Honor Society, VP (2025-26)**

2022 – Present

Organizes tutoring, hackathons, and meetings. Volunteer at elementary schools for coding lessons.

#### **Music, Cellist**

2015 – Present

Received ABRSM Diploma in Cello Solo Performance. Leads as Principal Cellist in Walton Chamber Orchestra, plays in ASYO and GMEA All-State Full. Accepted into 2023 Heifetz Int'l Music Institute & 2024 Governor's Honors Program. Founded the Spitzenreiter Piano Trio & Lotus Cello Quartet. Awarded in state, national, & international solo/chamber competitions with three Carnegie Hall performances.

#### **Tennis, 6.8 singles UTR, 7.8 doubles UTR**

2011 – Present

Selected on Walton Tennis Varsity Team (2023 – Present), 2025 State Finalists. Coached private and group lessons in neighborhoods. Competed and won tournaments at local, state, and southern levels.

### **Skills & Interests**

**Technical:** Python, Java, HTML/CSS/JS

**Language:** Latin (advanced), Mandarin (conversational), Spanish (amateur)

**Clubs/Teams:** Mu Alpha Theta Honor Society, Tri-M Honor Society, Public Speaking Club (Founder/President), Latin Club (Award-winning Webmaster), Asian Student Alliance (VP), Academic Bowl (VP), Volleyball & Tennis Varsity, TEDxWaltonHigh (Event Organizer)