

Ethan Lo

1443 Waterford Green Dr • Marietta, Georgia 30068 • elo9908@gmail.com • 470-977-9692 • ethan-lo.com

Education

Walton High School STEM Program – Advanced Math and Science Pathway

Marietta, GA

Unweighted GPA 3.923. Weighted GPA 4.654.

May, 2026

SAT: 1560 (M: 800, R&W: 760)

March 8, 2025

Computer Science Honor Society. Mu Alpha Theta Honor Society.

AP Research (IP), AP Calculus BC (5), AP Environmental Science (5), AP Chemistry (5), Adv Scientific Research IV (A), AP Physics C-Mech (5), AP Biology (IP), AP Latin (4), AP CSP (4), AP CSA (5).

Georgia Institute of Technology DE

Atlanta, GA

GPA: 4.0.

DE Linear Algebra (A), DE Multivariable Calculus (A), DE Intro to Object Oriented Programming (A), DE Applied Combinatorics (IP), DE 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.
- Collaborated with a team of other high schoolers that documented background, research, and results.
- Integrated public data, historical pricing trends, and market signals/macroeconomic factors.
- Presented an interactive demo to the company founder, ex-Amazon

Mathnasium & Freelance Tutor

Marietta, GA

Instructor

August 2024 – February 2025, 2022 – Present

- Taught the Mathnasium curriculum, guiding homework help and enhancing problem-solving skills
- Tutored students in Python coding and mathematics online

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.

Leadership and Activities

Computer Science Honor Society, VP (2025-26)

2022 – Present

Organizes tutoring, hackathons, and meetings. Volunteers to teach coding at elementary schools.

Music, Cellist

2015 – Present

Founded the Spitzenreiter Piano Trio & Lotus Cello Quartet. Awarded in solo/chamber competitions. 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. Received ABRSM Diploma in Cello.

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 (beginner)

Clubs/Teams: Varsity Math Team (JV Coach), Public Speaking Club (Founder/President), Latin Club (Award-winning Webmaster), Asian Student Alliance (VP), Academic Bowl (VP), Volleyball