

Ethan Loo

EDUCATION

Georgia Institute of Technology
Computer Science - GPA 3.80

Atlanta, GA
May 2022 – May 2026 (anticipated)

PROJECTS

Spotify Wrapped Application

Android Studio — Kotlin, Java

- Developed fully functional application that retrieves and displays data from Spotify API.
- Led the planning and execution of UI/UX design and front-end development.
- Managed team using Agile project .

Vertically Integrated Project: Video Game for Power Grids

Unity — C#

- Spearheaded planning and development of UI/UX design for video game.
- Collaborated across teams to determine mechanics, physics, and complexity of the game.
- Contributed to development of game assets.

Quantum

Unity — C#

- Competed in regional, state, and national-level math competitions(**NYCIML, NYCMTS**).
- Facilitated weekly study sessions to discuss high-level **Probability Theory, Geometry & Algebra**.
- Led a 26-member math team as captain, overseeing strategy development and competition preparation.

EXPERIENCE

Keysight Technologies

May 2024 – Aug. 2024

QA Engineer Intern

Penang, MY

- Spearheaded test procedures for various new systems and application features in development.
- Collaborated in developing minimum viable product (MVP) for version 7.5.0-0 of Eggplant DAI.
- Received positive feedback from established brands like Buffalo Wild Wings for innovative sauce holder designs.
- Validated startup idea through market research and interview feedback as a part of Launch-X U-Michigan.

Private Math Tutor

Sept. 2021 – Present

Team Captain

Brooklyn, NY

- Provided personalized tutoring sessions in algebra, calculus, and geometry to elementary & middle-school students
- Developed lesson plans for diverse learning styles, leading to improvements by **upwards of 1.5 letter grades**.

AWARDS

Speedo Scholastic All-American

Aug. 2023 – Present

- National award given to student-athletes who achieve a **national time standard** while maintaining a 3.5+ GPA.

National Junior Honor Society

June 2023 – Present

- Award presented to students with outstanding achievements in academics, leadership, and community service.

CLASSES

Relevant Courses: Data Structures and Algorithms, Computer Organization and Programming, Design and Analysis of Algorithms, Procedural Content Generation, Computer Graphics, Systems and Networks

SKILLS & INTERESTS

Skills: Web Design, Graphic Design, Microsoft Excel, Microsoft Office

Interests: Photography, Creative Writing, Archery, New York Knicks

470-301-5218 | ethanlooyt@gmail.com | [linkedin.com/in/andrew](https://www.linkedin.com/in/andrew)