

Richard Yang

EDUCATION

Massachusetts Institute of Technology

Incoming first year undergraduate

Boston, Massachusetts

Aug 2025 – present

For high school coursework see riyang25.github.io/coursework.

ACTIVITIES

Iowa City Math Circle

2021 – 2024

Lead Organizer

iowacitymathcircle.org

- Leader of in-person weekly meetings over four summers to teach local middle and high school students math, computer science, and biology.
- Lead instructor for math and computer science sessions.
- Wrote eight handouts covering common concepts from math competitions.
- Developed curriculum to introduce beginners to Python.

Online Physics Olympiad

2024 – Present

Problem Writer

opho.physoly.tech

- Problem writer for the largest international student-run physics olympiad in the world.
- Helped logistics of running the competition, offering clarifications and handling requests from pool of over 1200 contestants.

AWARDS AND HONORS

Gold Medal, European Physics Olympiad

2024

- Selected to represent the United States at the European Physics Olympiad¹. Top 8% of all contestants received gold medals.

Gold Medal, USA Physics Olympiad

2024, 2025

- Award given to the top 50 students nationwide in the competition.

Silver Medal, USA Astronomy and Astrophysics Olympiad

2024

- Placed 12th nationally.

American Invitational Mathematics Exam

2020 – 2025

- Qualified for the exam every year 2020-25.

riyang2025@gmail.com | riyang25.github.io

¹In 2024 the US team traveled to the European Physics Olympiad instead of the International Physics Olympiad.