

Sami Labidi

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EDUCATION

Massachusetts Institute of Technology, Cambridge, MA June 2026 (expected)

- Pursuing BS in Physics and Mathematics with Computer Science

Andover High School, Andover, KS May 2023

- Cumulative unweighted GPA: 3.92
- 4 Honors, 4 Advanced Placement (AP) classes, 13 Dual Enrollment classes
- ACT scores: 36 English, 35 Math, 36 Reading, 36 Science

AWARDS

International Physics Olympiad Alternate, USA Physics Olympiad June 2023

Seal of Biliteracy (English and French), Kansas Dept. of Education April 2023

Silver Division, USA Computing Olympiad December 2023

EXPERIENCE

Researcher, Kansas State University Department of Physics June 2022 - September 2024

- First author of paper on scattering by small absorptive spheres (not yet published)
- Research informs the development of optical instruments

Math Instructor, Mathnasium September 2023 - July 2024

- Help students of grades 2nd-12th love and learn math
- Give encouragement and build students' confidence
- Strive for pedagogic clarity first and rigor later

Problem Writer, Online Physics Olympiad March 2024 - August 2024

- Write problems for a physics competition of ~1000 competitors
- Collaborate with problem-writing team to put together challenging yet exciting exams

Speaker, Harker Physics Invitational November 2023

- Spoke about journey to US Physics Team and gave advice for aspiring competitors to over 100 high schoolers interested in competitive physics

ACTIVITIES

International Physics Olympiad (IPhO) 2021 - 2023

- Largest physics problem-solving competition in world
- Prepared for national competition (USAPhO) and international competition (IPhO)
- Roughly top 6 out of ~6000 US competitors as IPhO Alternate (2023)

Scholars' Bowl, Andover High School 2020 - 2023

- Pushed varsity team to top 4 placements in state in 10th, 11th
- Developed new resources for training

Volunteer Private Tutoring 2022 - 2024

- Taught school subjects, including Calculus and Physics C, as well as ACT preparation

SKILLS

Languages: C++, Python, HTML, CSS, JavaScript