

Sami Labidi

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ACADEMIC HISTORY

Andover High School, Andover, KS September 2020-May 2023

- Cumulative unweighted GPA (September 2020-May 2023): 3.922
- 4 Honors, 4 Advanced Placement (AP), 13 Dual Enrollment classes
- Note: graduated on an accelerated track after three years of high school

Butler Community College, Andover, KS August 2020-May 2023

- Cumulative unweighted GPA: 3.93
- Courses of note: Calculus 1 - 3, Differential Equations

Wichita State University, Wichita, KS Fall 2022

- Courses of note: Physics for Scientists 1 with University Physics Lab 1

Test Scores, ACT, AP, ACS September 2020-May 2023

- ACT: 36 English, 35 Math, 36 Reading, 36 Science
- AP: Biology (5), Calculus BC (5), Chemistry (5), Physics C (5/5), US History (5), English Language and Composition (5)
- ACS General Chemistry 1: 98th Percentile

AWARDS

International Physics Olympiad Alternate, USA Physics Olympiad June 2023

Seal of Biliteracy (English and French), KSDE, KS April 2023

Silver Division, USA Computing Olympiad December 2023

Top Individual Team, Physics Brawl November 2023

Commendation, PSAT/NMSQT September 2022

Academic Letter, Andover High School May 2022

RESEARCH EXPERIENCE

Researcher, Kansas State University Department of Physics June 2022-Present

- Immersion in current research on light scattering and absorption by small particles with Prof. Chris Sorensen and others
- Contribute new perspectives using scientific programming
- Discuss the previous week's research at regular meetings with Prof. Sorensen and others

WORK EXPERIENCE

Math Instructor, Mathnasium September 2023-Present

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

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 5000+ 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

Weight Training and Coaching 2020-2023

- Lift weights in free time (2022-Present) or at school (2020-2022)
- Coach less-experienced friends in the basics (2022-Present)

Volunteer Private Tutoring 2022-Present

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

OUTREACH

Harker Physics Invitational Speaker Event November 2023

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

SKILLS

Scientific Programming (C++, Mathematica)

Problem-Solving

Website Programming (HTML, CSS, JS)

French Fluency