

Kevin Wang

Lebanon Trail High School Class of 2024
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ABOUT ME

My name is Kevin Wang, and I am a current junior attending Lebanon Trail High School. I am incredibly passionate about mathematics and business, and I seek every available opportunity to gain hands-on experience and make a positive impact on my community. I have numerous experiences leading and communicating with both teammates and students, and possess a magnetic enthusiasm and love for serving.

SKILLS & PROFICIENCIES

- Mathematics and Critical Thinking
- Programming Languages (Java, C++)
- Communication and Leadership
- Organization and Planning
- Marketing Concepts and Skills

WORK EXPERIENCE

Teaching Assistant

Daily Challenge With Po-Shen Loh

Mar 2022 - Current

- Worked with a teammate to livestream middle school competition math problems to a student audience, under the guidance of Po-Shen Loh, professor of mathematics at Carnegie Mellon University.
- Attended four-week course on magnetic communication and improvisational comedy skills as part of job training.

Freelance Tutor

- I work as a self-employed, freelance tutor for middle and high school students, mainly in mathematics.

VOLUNTEERING AND INTERNSHIPS

Founder and President

F=math

May 2022 - Current

- Founder and President of F=math, a student-led national non-profit that teaches math competition classes and organizes seminars and summer camps for students and donates 100% of tuition to charity.
- As of August 2022, we have raised over \$5000 for various non-profits, including Save the Children and the Little Shepherd Foundation and mentored hundreds of students.
- Website: <https://sites.google.com/view/fequalsmath/home>

UTD Summer Intern

University Of Texas At Dallas

May 2021 - Aug 2021

- Interned under UTD Mechanical Engineering Professor Wei Li for six weeks.
- Learned how to use G-codes and Autodesk to design and customize figures for 3D printing, as well as how to operate various 3D printers.
- Collaborated with a group to produce an educational video explaining our newfound knowledge.

UTD Summer Research Intern

University Of Texas At Dallas

May 2022 - Sept 2022

- Participated in a research internship with Assistant Professor Maxim Arnold about the behavior of iterated evolutives. I analyzed which pentagons remained periodic after repeated applications and studied various conjectures about evolutives.

Director of Math

Learning For Youth (Volunteer)

Dec 2021 - Current

- Designed quality curriculum, lectures, and homework at the AMC 10 level.
- Taught a weekly class of several middle school students on basic math competition topics, receiving extremely positive feedback from students and parents.
- Helped teach and design materials for a CSS and HTML workshop to serve as an introduction for middle school students into programming.

DISTINCTIONS AND AWARDS

Math Competitions

- **USA Junior Math Olympiad Winner:** Placed in the top 24 nationwide on the 2022 USAJMO examination, the final round of competition for the AMC 10 series. Over 50000 contestants internationally participated in the AMC 10 in 2022.
- **3x AMC 10/12 Distinguished Honor Roll:** Scored 135 and 126 on the 2020 AMC 10A and the 2022 AMC 10A, respectively, placing in the top 1% of all AMC 10 scorers nationwide. Scored 130.5 on the 2022 AMC 12B, placing in the top 1% of all AMC 12 scores nationwide.
- **4x AIME Qualifier:** Qualified for the 2020, 2021, and 2022, and 2023 AIME.
- **MMATHS 6th place individuals:** Placed 6th place in the nation individually at the Math Majors at Yale competition.

DECA Competitive Series

- **2x International Top 10 Finalist:** Placed 5th place internationally in Principles of Marketing at ICDC 2022 and 7th place internationally in Marketing Management Team Decision Making at ICDC 2023. I was a top ten tester at both ICDC 2022 and 2023.

USA Computing Olympiad Silver Medalist

BPA C++ Programming Nationals Qualifier

Orchestra

- Two-time qualifier for the Region 24 All-Region Orchestra.

SPARC 2023 Alumni

- One of 20-30 high school students accepted to the Winter Applied Rationality Program, an all-expenses-paid spring camp with hundreds of applicants around the world to help high school students become more agentic in their communities.

ACTIVITIES AND COURSES

- **Activities:** DECA Officer, Math and Physics Club President, Founder of Traveling Strings, Varsity Orchestra
- **Courses:** AP Calculus AB, AP Physics C, Computer Science 3, GT American Studies

EDUCATIONAL BACKGROUND

Lebanon Trail High School

Graduating Class of 2024

Rank 4/517

UW: 4.0 W: 5.4650

STANDARDIZED TEST SCORES

SAT

March 1, 2023

Score 1560/1600

Reading 770 Math 790

PSAT/NMSQT

October 13, 2021

Score 1490/1520

Reading 750 Math 740