Max Zhang

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EDUCATION

Blue Valley North High School Overland Park, KS — Aug. 2021 - May 2025
- Unweighted GPA: 4.00/4.00 | Weighted GPA: 4.7857/4.00
- SAT: 1520 | ACT: 35

RELEVANT COURSEWORK

- Calculus BC (AP 5)
- US History(AP 5)
- English Language (AP 4)
- Statistics (AP)
- Physics 1 (AP 5)
- World History (AP 5)
- Chinese Language (AP 5)
- US Government (AP)
- Physics C (AP 5)
- Computer Science A (AP 5)
- Spanish (AP)
- Wind Ensemble (4 Years)

EXPERIENCES

Carnegie Mellon University | Pre-College Summer Session — Pittsburgh, PA | Jun. 2024 - Aug. 2024
- Took 15-112 (Fundamentals of Programming and Computer Science) and 36-200 (Reasoning with Data)
- Developed a physics-based game using Python libraries and was ranked second place in the class

Veritas AI Machine Learning Summer Course — Jun. 2021 - Aug. 2021
- Learned basic concept of Machine Learning and created a model that detects malaria in blood cells from NIH.

EXTRACURRICULAR ACTIVITIES

Mu Alpha Theta National Honors Society | President — 2024 - Present
- Elected as President of the Math National Honors Society
- Organized hundreds of tutor sessions for underclassmen-level math students
- Led and presented monthly meetings with 80+ members

Calculated for You Non-Profit Organization | Secretary and Co-founder — 2023 - Present
- Organized board meetings for Kansas region volunteers
- Volunteered to organize STEM education outreach to underserved students in Kansas City
- fund-raised over 600 dollars for free STEM educations

BVN Fishing and Wildlife Conservation Club | Founder — 2021 - Present
- Organized monthly meetings for fishing education to $30 \sim 40$ members
- Led educational discussions on about wildlife and environmental conservation

Kansas All-State Full Orchestra | Principal Trumpet — 2021 - 2023
- Selected as one of the top high school musicians in Kansas through district and state auditions

Blue Valley North Varsity Swim Team — 2021 - Present

AWARDS AND ACHIEVEMENTS

Washburn University Math Day | Individual Competitor — 2022 - 2023
- Honorable Mention - Non-Senior Division

Emporia University Math Day | Individual Competitor — Oct. 2023
- First Place in the Geometry Category

Kansas State University Coding Competition | Team Leader — Nov. 2023
- Led a team of 3, applied Java and Python to solve coding problems
- Placed 7th place out of 30+ teams

National Trumpet Competition — 2019 - 2022
- Selected nationally to compete as a semi-finalist every year since seventh grade.

National Merit Commended Scholar — 2024

AP Scholar with Distinction — 2024

TECHNICAL SKILLS

- **Software Skills:** Java, JavaScript, Python, HTML, CSS, SQL, Excel, Latex
- **Language Skills**: Chinese (Native), Spanish (Proficient), Japanese (Conversational)