



STEPHEN R. ZHANG

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EDUCATION

Montgomery Blair High School '25
Science, Mathematics, and Computer Science Magnet Program

- **Unweighted GPA: 4.0** (as of 10th grade)
- **SAT score: 1560** (Aug 2023)
- **Completed AP tests** (all score "5"):
 - Calculus BC, Physics C Mech, CS A, US Government and Politics, Statistics, Chinese
- **Notable Magnet Classes completed/ongoing:**
 - Differential Equations, Multivariable Calculus, Linear Algebra, Analysis I (Calculus BC), Applied Statistics, Discrete Mathematics, Computer Graphics, Quantum Physics, Physical Chemistry, Analytical Chemistry
 - Algorithm & Data Structures, Analysis of Algorithms, Magnet Physics Mechanics, Magnet Chemistry, Magnet Biology, Magnet Earth Science, Fundamental Computer Science, Research & Experimentation
- **Math level is 2 grades above peers**

SKILLS & ABILITIES

Programming & Computing:

Java, C++, Python, React, HTML/CSS/JavaScript, Windows, Linux, Microsoft Office (Word, Excel, PowerPoint), General System Administration

Laboratory Technical:

Completion of basic lab safety and notebook training

ACADEMIC AWARDS & HONORS

USA Computing Olympiad (USACO) Gold Division (2023, Full Score)

AIME Qualifier (2021, 2022, 2023)

AMC10 National Honor Roll (2021, 2022)

AMC8 National Distinguish Honor Roll (2019, 2020)

University of Maryland High School Mathematics

Competition, Honorable Mention (2022, 2023)

CyberStart America Silver Award (2022)

Lockheed Martin CYBERQUEST Maryland 1st Place (2023)

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- **Active DECA member and Public Forum debater**
 - 2nd place of MD state DECA competition and qualified the DECA International Career Development Conference (ICDC) 2023
 - Cal State Fullerton Invitation, Octofinalist, 2020
 - Georgetown 2019 Fall Public Forum Invitational, Double Octofinalist (MS division, 2019)
 - Capital Tournament, 6th Speaker (MS division, 2018)
- **Music: 7 years well-trained flute player**
 - YMIC Classical Festival 1st Place (Chamber) and Best Performers (2022)
 - Maryland Classic Youth Orchestras (MCYO) (2019-2020)
 - Potomac Valley Youth Orchestra (PVYO) (2018-2019, 2022 – present)
 - Montgomery Blair High School Wind Ensemble (2021 – present)
- **Clubs:**
 - Captain of Computer Team (Fall 2023 – present)
 - Montgomery Blair Informatics Tournament (mBIT) organizer committee member: Problem writer, competition attracted > 100 students from the DC, MD & VA regions.
 - Captain of Cybersecurity Club (Fall 2023-)
 - Angstrom CTF Organizer Committee Member: One of the largest high school oriented CTFs with over 1700 competing teams in 2020.
 - Task Force Leadership of Math Team (Fall 2023-)
 - Active Member of DECA (Fall 2022-)
- **Sports**
 - CCACC volleyball club (2021 – present)
 - Ace/Weestar Volleyball Club (2019 – present)
 - Fencing at Rockville Fencing Academy (2017 – 2021)

COMMUNITY SERVICE

Student Service Learning Hours: ~335 hours

- **President's Volunteer Service Award (Gold)**
- **Tutoring (2019-2023)**
 - Algebra II courses, Lead for Future Academy (L4FA)
 - Geometry courses; Capital Youth Outreach Club (CYOC); math tutoring services, Chinese American Parents and Students Association (CAPSA)
- **Service contributes to fighting COVID-19 pandemic**
 - Jun - Aug 2022: teaching English to Chinese students during Covid-19 period through L4FA
 - Mar - Jul 2020: teaching online courses via Kids Connect and fundraising (~ \$3,000) to support health care providers fighting for COVID-19 (endorsed by Congressman David Trone for Team Maryland: Community Champion award)