

13218 Maplecrest Dr.
Potomac, MD 20854
Phone: (202) 836-3323
Email: thezachzhao@gmail.com

Zach Zhao

EDUCATION

Montgomery Blair High School

Science, Mathematics, and Computer Science Magnet Program
11th Grade, Class of 2020
Unweighted GPA: 4.0

Herbert Hoover Middle School

2013 - 2016

EXPERIENCE

UMD CS Internship — Researcher

Applied deep learning to find heuristics to optimize the kidney exchanges
2018 - 2019

MBHS Developer's Club — Club Co-Founder, Captain and Webmaster

Lectured on Artificial Intelligence and Machine Learning, organized meetings, and created the club website.
2018 - Present

MCYO Symphony Orchestra — Co-Concertmaster

Lead the tuning and warm up, organized sectionals, and distributed notes and markings for music.
2016 - 2017

ACHIEVEMENTS

Association for the Advancement of Artificial Intelligence Conference

USACO (USA Computing Olympiad): Gold League

All National Orchestra

DECA: 1st Place Business Service Management (MD DECA State)

Maryland Science Olympiad: (Crave The Wave) 1st Place Team

Maryland All State Orchestra: 5 years

Maryland Science Bowl 2015:

2nd Place Team

National AP Scholar: 9 APs (all 5)

SKILLS

World Languages: English and Chinese

Programming Languages: Python, Java, Web Development (HTML, CSS, JS), C/C++, Git, Lisp, Lua

Software: PyTorch, Tensorflow, Anaconda, Jupyter Notebook, STELLA, Autodesk Inventor, Minitab

Relevant Coursework:

Magnet Analysis A/B (AP Calc BC), Applied Statistics (AP Stat), Senior Research Project A (SRP A), Modelling and Simulation, Linear Algebra, AP Microeconomics, AP Macroeconomics, AP Language and Composition, AP Mechanics C, AI

Honor Societies and Club

Blair Developer's Club, Science National Honor Society, Tri-M Music Honor Society, DECA, Blair SysOps, and Economics Club