

Ethan Zhao

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Class Rank	GPA
2 / 1600	4.68

AP Classes and Scores

BC Calculus	AB Calculus	Probability & Statistics	Physics 1	Biology	Language & Composition	Human Geography	US History
5	5	5	5	5	5	5	5

Standardized Tests

SAT			SAT Subject Tests		
Math	Reading/Writing	Total	Physics	Math	US History
790	770	1560	800	800	770

Honors and Awards

Activities	2016	2017	2018	2019
Young Eagles Cup STEM National Contest				1st Prize Overall
	1st Place Grand Prize of \$500 awarded from 12 national finalists by the USA-Chinese Association for Science and Technology.			
Texas Junior Science and Humanities Symposium (TJSHS)				1st Prize Environmental Science, 3rd Prize Overall
	3rd Prize Overall on 01/24/2020 of \$1000 awarded from 53 finalists. Advancement to nat'l Junior Science and Humanities Symposium in 04/2020.			
Google Code-in International Competition		Int'l Top Five Finalist		
	Five Open Source Geospatial Foundation Finalists were selected from a pool of competitors from 78 different countries.			
Texas Model United Nations Conference		Regional Best Delegate	State Outstanding Delegate	State Best Delegate
Texas Junior Academy of Science (TJAS)				State 3rd Prize Engineering General
JLTM Toastmasters Regional Speech Contest		2nd Prize	1st Prize	1st Prize
President's Volunteer Service Award			Gold Medal	
	356 hours volunteered at the Perot Museum of Nature and Science.			
ACP Youth Award for Excellence		Community Services & Leadership Award		
Texas All-Region Orchestra	Alt. Cello	All-Region Cello	All-Area Cello	All-Area Cello
International Associated Board of the Royal Schools of Music		Grade 5 Theory Exam w/ Distinction	Grade 8 Piano Exam Certification	
Texas Regional Academic WorldQuest Competition		7th Prize	2nd Prize	2nd Prize

Leadership and Activities

Activities	Grade 9	Grade 10	Grade 11	Grade 12
Allen Model United Nations (3hrs/week) 2016 - present		Founder	Coach	Coach & Chair
	Founder of the club: <ul style="list-style-type: none"> - Created team, expanded to 30 members - Trained members for 6 state convention awards in 1st yr of participation - Hosted/chaired in-school conference 			
Allen Junior World Affairs Council (3hrs/week) 2016 - present	Member	Vice President	Vice President	Co-President
	<ul style="list-style-type: none"> - Coached 3 teams for Academic WorldQuest, placing 2nd, 3rd, and 9th out of 90+ teams - Created unique world affairs activities such as “Middle Ground” debates - Connected with other clubs to raise over \$11,000 for Kingwood High School in Houston inundated by Hurricane Harvey 			
Perot Museum of Nature Science (2hrs/week) 2016 - present	Discovery Corps Volunteer	General Volunteer	General Volunteer	Lead Volunteer
	<ul style="list-style-type: none"> - 356 volunteer hours in 3 years - Created discovery kits for exhibition halls - Mentored other volunteers for responsibilities in exhibit halls - Inspired children’s interests in STEM with science demonstrations 			
JLTM Toastmasters Speech Club (3hrs/week) 2016 - present			Vice President of Membership	President
	<ul style="list-style-type: none"> - Expanded club size from 15 members to 25 members - Hosted annual speech contest with over 20 participants - Invited and hosted distinguished guest speakers from the community 			
City House Youth Advisory Board (2hrs/week) 2016 - present	Board Member	Board Member	Vice President	Application Chair
	<ul style="list-style-type: none"> - Initiated and led “Sharpies & Sticky Notes” Drive for local youth - Implemented recruitment strategies, expanding from 14 to 39 members - Conducted outreach and service events for homeless youth 			
Allen National Honor Society (2hrs/week) 2017 - present		President	President	President
	<ul style="list-style-type: none"> - Managed a student body of 317 members - Established community outreach opportunities, including Valentine’s Day Candy Fundraiser for Allen Love Week - Initiated and led “Adopt a Grandfriend” with a local nursing home 			

Research

Developed and tested a novel, cost-effective, and easier method of creating aerogel foams

- Procedure reduced cost by 51% and tested as a promising material for cleaning up oil spills
- First author of journal paper and patent to be filed
- 1st prize at Young Eagles Cup STEM National Contest 2019 (USA-Chinese Association for Science and Technology)
- 1st prize Environmental Science at Texas Junior Science and Humanities Symposium 2019
- Sponsored by the University of Texas at Dallas, Full-time May 2019 - August 2019