

Kushan Gupta

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EDUCATION:

Robert E. Lee High School, Tyler, Texas

2013-2017

Unweighted GPA: 4.0

ACTIVITIES:

11th-12th	Team America Rocketry Challenge (Activity) <i>Team Captain(11th-12th), Researcher, Designer, Builder</i> <ul style="list-style-type: none">National competition in which a team of students create a model rocket meeting the year's requirements, the basic rules being the rocket cannot exceed 650 grams and can use no larger than a class F motor. The rocket is then flown and a score is calculated based on the rocket's performance to determine whether the rocket makes it to nationals.Founder of the first ever Robert E. Lee TARC Team, consisting of 5 peopleDesigner of the rocket, Coordinator of funds, Team organizer, and Co-builder	11hrs/week, 16 weeks
K-12th	Piano Lessons (Outside of School) <ul style="list-style-type: none">Taking piano lessons & participating in yearly competitions since KindergartenPassed annual theory tests K-12 and received a medal every year(90 and above)	4hrs/week, 12 months/yr
7th-12th	Mu Alpha Theta (School Club) <i>Secretary(2015-2016/Elected), President(2016-2017/Elected)</i> <ul style="list-style-type: none">A Math Honor Society in which math is made funMeetings consist of interactive lectures and fun math related activitiesHelped teacher convene a lecture about how mathematical proofs are used and the different types of proofs that are used	4hrs/month, 9 months/yr
9th-12th	Tennis (School Sport) <i>Lessons(8th-present), School(9th-12th)</i> <i>Junior Varsity Team(10th-12th)</i> <ul style="list-style-type: none">Played matches and tournaments for school 10th and 11th gradeTeam won J.V. District in 11th grade and our team was runner-up 10th gradeHelped me become a better team member, take losing well, and make me an overall better person	11hrs/week, 52 weeks/yr
9th-12th	Technology Student Association[TSA] (School Club) <i>Member(9th-12th)</i> <ul style="list-style-type: none">A technology/engineering club in which students compete in a variety of competitions on a school level, regional level, state level, and national levelRaised funds by selling, to dentist's dismay, lollipops, in order to have money for the club competitions	1hr/week, 36 weeks/year
11th-12th	National Honor Society (School Organization) <i>Member(11th-12th)</i> <ul style="list-style-type: none">An honor society for high school juniors and seniors that have a minimum of a 93.00 GPARaised funds for NHS by selling Chick-Fil-A calendars and Valentine's candy, for funding scholarships for seniors, and contributed to Toys for Tots	2hrs/month, 9 months/yr
9th-12th	U.I.L Math and Science (School Club) <i>Participant(9th-12th)</i> <ul style="list-style-type: none">Worked on Math and Science questions that make use of the same math concepts learned in class, along with the science containing content of basic AP Biology, Physics, and Chemistry. However, these questions require extremely high level thinking of these basics, combining various topics to the extreme.Participated in the District level competitions for 3 consecutive years	2hrs/week, 7 months/yr
9th-12th	Academic Rodeo Pentathlons (School Competition) <i>Member(9th-12th)</i> <ul style="list-style-type: none">A multi-test, team-based engineering competition	5hrs per month once a year

9th, 10th	<ul style="list-style-type: none"> Consists of selective math, biology, chemistry, and physics test, along with a physics engineering design portion last 	
	<ul style="list-style-type: none"> 1st place overall team 2nd place in the individual mathematics test in 10th grade 	
VOLUNTEER:		
07/13/2015-05/21/2016		
07/12/2016-	Working in the UT Health Northeast Lab	Hours:100+
	<ul style="list-style-type: none"> Worked in Galina Florova and Andrey Komissarov's lab in the UT Health Northeast Biomedical Research Center Calculated the effects of different treatments on rabbit rinds and examined tissue samples of rabbits with fibrin accumulation in their lungs, simulating humans with significantly reduced lung capacity due to fibrin 	
SUMMER ACTIVITIES:		
06/08/2015-07/03/2015	UT Health Science Center Internship	Paid
	<ul style="list-style-type: none"> Shadowed several doctors such as oncologists, radiologists, pediatricians, cardiologists Learned several new techniques such as PCR, Western Blot, Gel Electrophoresis, and micro-pipetting technique Learned a lot of advanced biology and chemistry, as well as how treatments are created, and current treatments the center is creating. 	
08/06/2016	INCUBATEDFW Hackathon	
	<ul style="list-style-type: none"> Attended the INCUBATEX Hackathon in DFW. Created an app that monitored a teen driver's speed and location and reports it to the parent via an interactive map. Did graphic design, and learned a lot about programming and conceptual tech ideas, including usage of databases like FireBase. 	
HONORS & AWARDS:		
9th, 10th, 11th	TSA Photography State Champion and awards(Competition only goes to State Level)	
	<ul style="list-style-type: none"> 1st place in Color Animal Life (State champion)[9th] 3rd place in Color Architecture[9th] 3rd place in Color Other Category[9th] 1st place in Architecture[10th] 1st place in Black and White Underwater (State Champion)[11th] 1st place in Color Other Category (State Champion)[11th] 2nd place in Color Animal Life[11th] 2nd place in Color Underwater[11th] 5th place in Black and White Animal Life[11th] 	
9th, 10th	Academic Rodeo Pentathlon	
	<ul style="list-style-type: none"> 1st place team 	
9th, 10th, 11th	Academic Achievement	
	<ul style="list-style-type: none"> Award given by the school to students who have a GPA greater than or equal to 3.75 	
10th	Counselor Choice for Work Ethic	
10th	TSA Technology Bowl State	
	<ul style="list-style-type: none"> Team Captain National Qualifying Team 5th Place at State Top test scores of all teams 	
11th	World Languages Award	
	<ul style="list-style-type: none"> Award given by a teacher to students who display outstanding performance in a World Language (Spanish) 	
11th	AP Scholar with Distinction	
	<ul style="list-style-type: none"> Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams 	
12th	National Merit Commended Student	
	<ul style="list-style-type: none"> Given to students who score above a 209 selection index score on the PSAT, meaning they are in the top 50,000 scoring students in the country 	