

SARAH VARGHESE

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CONTACT

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EDUCATION

RICK REEDY HIGH SCHOOL

AUG 2015 - JUNE 2019

- Rank: 8 out of 498 students (1.6%)
- Weighted GPA: 5.446 out of 6.0
- Unweighted GPA: 4.0 out of 4.0

LANGUAGES

- Spanish (Proficient in Reading and Writing)
- Malayalam (Fluent, Native language)

TECHNICAL SKILLS

- Modeling: Solid Edge, TinkerCAD
- Engineering Basics
- 3D Printing Software
- Java Programming
- Grant writing

SOFT SKILLS

- Public Speaking
- Professionalism
- Flexibility
- Interpersonal/Teamwork
- Integrity

WORK EXPERIENCE

PERSONAL TUTOR

NOV 2015 - PRESENT (6 HRS/WEEK)

- Specializing in STAAR Test Preparation
- Helped 2 students move from Approaching Grade Level to Meets Grade Level in STAAR Reading
- Helped 1 student move from Meets Grade Level to Exceeds Grade Level in STAAR Mathematics
- Responsible for assigning homework targeting weak areas
- Prepares tutoring sessions based on individual learning styles

FLIX BREWHOUSE - BOX OFFICE HOST

MAR 2018 - MAY 2018 (20 HRS/WEEK)

- Responsible for processing tickets, phone calls, and online reservations
- Responsible for warm, personable interactions with guests and ensuring that everything was to their liking
- Won Friendliest Smile Award for April 2018

NATIONAL BREAST CANCER FOUNDATION - INTERN

JUN 2018 - JUL 2018 (30 HRS/WEEK)

- Organized October Football Fundraiser for Frisco ISD, Plano ISD, McKinney ISD, and Aubrey ISD
- Designed Reedy Pink Out Shirt, raising \$2,500 in one week
- Acquired \$2,000 worth of Gift-in-Kind donations
- Wrote and applied for \$60,000 grant to cover costs of Care Packages, making them free for those undergoing treatment
- Responsible for interacting with donors and corporate partners
- Visited low-income latino areas to educate women about getting regular checkups and the options after diagnosis

EDDIE NAPOLIS - HOSTESS

AUG 2018 - PRESENT (10 HRS/WEEK)

- Responsible for greeting guests in a warm manner
- Assigns waiters to tables
- Responsible for seating guests, providing napkins and utensils, and placing dinner and wine menus
- Responsible for creating wait-list during busy nights and ensuring the restaurant runs in a timely efficient manner
- Helps bussers fold napkins and clean utensils
- Trained two new hires in hostess duties

AWARDS

ACADEMIC DECATHLON

9TH GRADE

• State Qualifier

10TH GRADE

- Speech Competition (1st State)
- Interview Competition (2nd State)

11TH GRADE

- Literature Competition (5th State)
- Super Quiz Competition (4th State)
- Speech Competition (3rd Regionals)
- Interview Competition (2nd Regionals)

CONRAD SPIRIT OF INNOVATION CHALLENGE

10TH GRADE

- Cyber Technology and Security Competition (1st International)
- · Awarded free services of patent lawyer
- Held at Kennedy Space Center

NATIONAL BREAST CANCER FOUNDATION

12TH GRADE

- 1st overall team out of 11 district teams
- · Ranked based on number of volunteer events held and money raised in Fall fundraising events

VOLUNTEER EXPERIENCE

OPERATION KINDNESS - COMMUNITY LIAISON & LEAD VOLUNTEER

AUG 2017 - PRESENT (59 TOTAL HOURS)

- No-Kill Dog Shelter
- Responsible for assigning duties to fellow volunteers
- Spearheaded initiative to recruit high school volunteers and responsible for organizing various community wide events
- Organized Boy Scouts and Girl Scouts Clubs to visit and volunteer at the shelter
- Founded club at Reedy HS and recruited 25 new volunteers
- Used club at Reedy to found local chapters at Pioneer Middle School, Pearson Middle School, and Cobb Middle School
- Helped organize the Concert for Kindness fundraiser
- Helped 4,899 adoptions take place over 2018

CITY OF FRISCO - VOLUNTEER ON COMMUNITY BOARD

AUG 2016 - AUG 2018 (19 TOTAL HOURS)

- Organized annual Gary Burns Fun Run, including coordinating set up of bounce houses, water stations, locations of safety volunteers, and food trucks
- · Read to school children at Bledsoe and Sparks elementary and the Frisco Public Library

CHILDREN'S MEDICAL CENTER DALLAS - SUMMER STUDENT VOLUNTEER

JUN 2018 - JUL 2018 (28 TOTAL HOURS)

- · Front desk ambassador who helped patients and families while they waited for their doctor
- Played with children undergoing treatment and helped them maintain normalcy
- Helped families cope with the strenuous hospital environment

NATIONAL HONORS SOCIETY - MEMBER

MAR 2016 - PRESENT (7 ADDITIONAL HOURS TO THE HOURS LISTED ABOVE)

- Volunteered to spread the values of integrity, innovation, community, service, and perseverance through Reedy High School
- Helped various teachers with their daily duties
- Tutored students before and after school in different Calculus concepts
- Volunteered at various local events

ACTIVITIES

ACADEMIC DECATHLON

AUG 2015 - PRESENT (6 HRS/WEEK, 30 WEEKS PER YEAR)

- Elected Vice President in 2016, 2017, and 2018
- VP responsibilities include recruiting new team members, boosting team morale through numerous socials, lead weekly meetings, and organize study sessions
- · Led effort to win state awards, gaining 16 total medals by the end of 11th grade
- Received 3 total state awards individual awards and 1 team award
- Helped move Reedy from 25th in the state to 11th and 10th in the district to 3rd
- Grew club size from 7 members to 28 members
- Organized Ac Dec Community Pep Rally
- Specialized in Speech and Interview. Helping club members grow their interpersonal skills, professional skills, and overall confidence

CONRAD SPIRIT OF INNOVATION CHALLENGE - OVERDOSE WRISTBAND

NOV 2016 - MAR 2017 (10 HRS/WEEK, 20 WEEKS)

- Won 1st place internationally in category Cyber Security and Technology
- Created wristband that detects levels of drug prevalence in human body by testing sweat and the air surrounding the individual in order to predict and prevent drug overdose fatalities. The app connected to the wristband will alert emergency contacts and the authorities if overdose is detected.
- Had to create an investor pitch, business plan and sales pitch, present innovation in front of a panels of scientists, engineers, astronauts, and investors
- Possess a provisional patent with the help of patent lawyer paid for by the Conrad Challenge. Currently applying for permanent patent.

ENGINEERING RESEARCH UNDER MENTORSHIP OF ARMSTRONG EKPETE (DOD AEROSPACE ENGINEER)

NOV 2017 - JUN 2018 (6 HRS/WEEK, 34 WEEKS)

- Research, design, and presentation human space exploration suit for NASA's Deep Space exploration goals
- Learned about the engineering process and used this to formulate a deep space exoskeleton and suit
- Met with Armstrong Ekpete bi-weekly to discuss questions and make headway in the project
- Toured Lockheed Martin facility and saw construction of various parts of F-35 Fighter Jet
- Learned Solid Edge design software to model the suit
- Used 3D printing knowledge and the help of the Grapevine Public Library to print a model

NATIONAL BREAST CANCER FOUNDATION - LEAD HIGH SCHOOL AMBASSADOR

AUG 2017 - PRESENT (2 HRS/WEEK, 24 WEEKS PER YEAR)

- Worked with National Honor Society (NHS) and Health Occupations Students of America (HOSA) to put together Breast Health kits, Breast Care Packages, and write personalized letters to patients
- Put together 374 Breast Care Packages and wrote hundreds of letters
- Spoke about importance of free mammography programs and annual breast exams at school and community pep rallies
- Met with other high school lead ambassadors to coordinate inter-school and inter-district fundraising events at various restaurants (Dickey's BBQ, Chick-fil-A, Panera, and Jamba Juice)

MAYOR'S YOUTH COUNCIL - SENIOR BOARD CHAIR

SEP 2018 - PRESENT (2 HRS/WEEK, 33 WEEKS PER YEAR)

- Work with Mayor and Frisco City Council on various community projects
- Proposed and worked with Frisco ISD to increase youth voter turnout by increasing awareness through school announcements and videos along with presenting voter registration forms in every senior classroom and the front office
- Led initiative to create outdoor skating rink in the center of Frisco Square
- Currently working to bring outdoor movie theater to Frisco
- Studied impacts of road closings and constructions in fast growing suburbs such as Frisco
- · Proposed introduction of roundabouts in busy intersections instead of traffic lights
- Currently working to expand bike lanes and public park areas
- · Working to find areas to incorporate and transition into clear energy sources, specifically solar
- · Currently expanding arts and culture in Frisco Square through murals by local artists