

Nikhil VJ

542 Cedarbird Trail
Murphy, TX 75094
Cell: 309-530-9208
nvj739@gmail.com

EDUCATION

C A McMillen High School, 2015-2017

Rank: 20/589

Related Coursework: Honors Biology, Honors Chemistry, Principles of Health Science

Texas Academy of Mathematics and Science, 2017-2019

- *Early college residential program at the University of North Texas*

Honors Diploma

Overall GPA: 3.93/4.00

Related Coursework: Biology, Laboratory in Biology, Psychology II

University of Texas at Austin, 2019-2021

Final Year of BS Biology, Human Biology Concentration

Overall GPA: 4.0/4.0

Related Coursework: The Dr./Patient Relationship, General Psychology, Biostatistics, Medical Terminology, Sociology, Physiology, Nutrition, Cell Biology, Physiology Laboratory, Human Sexuality, Human Biology, Microbiology, Genetics Laboratory, Computational Bio

ACTIVITIES

Smile Brite Orthodontics, Sanitation Lab Technician & Records Organizer

- Ensured proper sanitation of patient areas and technology after patient visit
- Processed orthodontic equipment & tools for re-packaging and reuse
- Distributed machinery between workstations & preparation for new patient arrival
- Assisted in patient testing & added patient information and test data to proper location for patient analysis

UT Austin Dell Medical School, Contact Tracer

- Contacted potential COVID-19 cases to offer support and resources to better manage isolation and care
- Interviewed cases and contacts to acquire essential information in tracking the spread of COVID-19
- Handled sensitive personal information remotely for data management and analysis
- Answered incoming calls and directed them to a proper transfer and interview

Premed Peers, Mentor, Scheduler, & Tutor

- Guided fellow pre-meds through the process of taking advantage of volunteering & job opportunities

- Assisted fellow pre-meds in preparing for the MCAT through one-on-one instruction and review of relevant materials
- Suggested techniques and materials to tutees for improvement of MCAT ability & scores
- Led instructional presentations of various subjects relevant to medical school and natural sciences
- Created schedules for MCAT study incorporating various study material along with student needs

UT Austin Michael Ryan Lab, *Undergraduate Researcher*

- Developed and proposed personal research project in conjunction with current experimental procedures to further analyze *P. formosa* behavior
- Analyzed and collated experimental data to determine *P. formosa* behavior based on ancestry
- Ensured lab conditions were optimal for experimental conditions through proper animal husbandry

SCOPE Research, *Mentor*

- Guided high school students in structuring their goals for their future and college
- Developed a structure for meeting with prospective researchers in a COVID-19 era
- Taught mentees techniques on better reading academic papers and understanding them
- Directed students on how best to set goals on investigative research and creating proposals

TMS Outreach, *Co-Director*

- Expanded new committee to three different schools to teach elementary schoolers about the medical field and the tools used in it
- Set up schedule to visit every two weeks to each school, and created unique lessons to present to the students at each school
- Monitored and guided juniors as they planned presentations for each lesson

Uplift Stress, *Peer Supporter*

- Helped create system where TAMS students could reach out to each other anonymously for help dealing with stress
- Collaborated with certified psychologist to set up a system for peers to reach out
- Gained QPR certification to better help peers respond to stress and ensure safety
- Specialized in Illness, Insecurity, & Relationships and setup platform on website to simplify process

Volunteering

- Organized donation drives, cancer awareness camps, and fundraising for hurricane relief and prosthetics for the needy in India as a Rotary Club & Spandana Foundation Volunteer
- Created profiles, took pictures, sanitized equipment, set stations, and replaced O-Rings on patients as a Smile Brite Orthodontics Volunteer
- Helped transport equipment and shadowed as a volunteer at Allergy, Asthma, and Immunology Center
- Led children around Elm Fork Education Center and assisted homeschooled kids with completing the laboratory section of school at UNT's Environmental Sciences Facility
- Tutored fellow TAMS students in-person in multiple subjects such as Biology, General Chemistry, Organic Chemistry, and Physics
- Recorded readings of books for children at Dell Children's Medical Center

AWARDS AND HONORS

Perfect SAT Score, 2018

UNT President's List, 2018-2019

Presidential Scholarship Nominee, 2019

State Farm Companies Foundation Scholarship Recipient, 2019-2021

National Merit Scholarship Semifinalist, 2019

Distinguished College Scholar, 2021

Second Year Excellence Award, 2021

PROFESSIONAL MEMBERSHIPS

National Association of College and University Residence Halls

National Honor Society

Spandana Foundation

Rotary Club Kurnool

HOSA - Future Health Professionals

American Medical Student Association – Pre-Med

North Texas Red Cross

RELEVANT SKILLS

Certification in CPR and QPR

Experience in laboratory setting from UNT Lab courses & UT research