

SUHANI RAMESH KUMAR

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EDUCATION

The University of Texas at Austin, Austin, TX

Bachelor of Science, Psychology

Relevant Coursework: Biopsychology, Statistics, Biology I, Chemistry I

Organizations: AMSA (*American Medical Student Association*), Ascension Volunteer Program, LifeStart, Healing with Harmonies

Reedy High School, Frisco, TX

GPA: 5.26 (*Weighted*) | **Class Rank:** 33/547 **Top 6%** | **SAT:** 1550 (*Composite*)

College Board AP Scholar with Distinction, National Merit Commended Scholar

SKILLS & ABILITIES

Technical Skills:

- Familiar with RStudio and R programming
- Proficient in Adobe Photoshop and Maya (3D Animation)
- Masterful in Clip Studio Paint

Medical Skills:

- Familiar with Medical Terminology
- Proficient in Neuroscience Vocabulary
- Mastery in Medical Illustration through experience with realistic painting

Languages: Fluent in English, Proficient in Academic Writing, Proficient in Tamil

Certifications: AHA Basic Life Support Certification (CPR & AED), Working towards EMT Certification (expected by Spring 2024)

PROFESSIONAL EXPERIENCE

DiscoverSTEM Entrepreneurship Program (DEP) *Chief Psychology Officer*

Present

- **Collaborate** on developing a **mobile program** that tracks **mental** and **behavioral** health in pre-pubescent and adolescent children to warn the onset of early **mental health disorders**.
- Practice **preventative care** in the emerging field of **psychology** and spearhead advancements in medical technology
- Gain extensive experience in **entrepreneurship**, product development, **innovation**, and **marketing**

Horizon Academic Program *Student Researcher (Grade of A+)*

April 2022 – December 2022

- Researched under **University of Cambridge, PhD Dr. Ellen Robertson** in the field of **Neuroscience: sense and perception, neurons and neuroanatomy, development, attention, learning, memory, intelligence, personality and clinical psychology**
- Published a 25-page paper on **Prefrontal Cortex (PFC) Impairment** due to acute stress and shifting networks in the brain
- **Created a lesson** incorporating articles and videos on “Effects on memory due to acute stress”

University of Texas at Austin: Neuroscience Academy *Student Researcher*

June – July 2022

- Explored areas in Neuroscience under **Professor Lisa Griffin, PhD**
- Toured the interactive **PsyLab** where **brain activity** is measured by **EEGs** in sleep chambers
- Studied **microbiology and pathogens** under **Dr. Evan Skowronski, PhD**
- **Conducted lab experiments** using collected samples, cultured bacteria, stained bacteria, and a microscope to identify possible genuses. **Developed a paper over a pathogen** of choice - *Giardia duodenalis*
- Completed the course with a grade of A+

Frisco Pediatrics *Administrative Assistant*

June – August 2019

- Aided **Pediatrician Dr. Sreemdevi** in **setting up medical equipment, organizing documents, responding to patient calls, filling out reports** and researching on the **effects of probiotics** on health
- Trained in setting up equipment for **urinalysis** as well as running accurate reports on tests

SummTutoring Tutor

December 2020 – May 2023

- Created a **Pre-AP Biology class schedule, curriculum, and syllabus** to support freshman students with difficulties
- Designed **challenging homework problems** and lessons for each tutoring session

EXTRACURRICULAR EXPERIENCE

American Medical Student Association (AMSA), Austin, TX

Present

Silver Member

- Gain certifications such as the **BLS Certifications** through Medical Workshops
- Contribute to the community with other members in **Volunteer Experiences**, such as Food Drives and Thrift Sales
- Tour **Medical Schools** and **Hospitals** and gain experience with Seasoned Medical Professionals

Longhorn EMS (LEMS), Austin, TX

Present

Support Team

- Support Responders during Medical Events that require Emergency Support
- Work towards Responder Status through Officer Hours and gaining **EMT Certifications**
- Hold **Stop the Bleed** and **Take10** Workshops for General Public

Global Medical Training (GMT), Austin, TX

Present

Member

- Work towards Tripper Status by attending meetings and Medical Opportunities
- Expect to Attend **Tripper Workshops** to learn **Medical Spanish** and Foreign Skills
- Expect to embark on a week-long trip to the Dominican Republic to administer medicine and **Public Health**

University of Texas University Orchestra (UTUO), Austin, TX

Present

Bassoonist

- Exclusively selected for the **UTUO** through audition of orchestral excerpts
- Work in conjunction with other members to perform **concerts** throughout the season

University of Texas Southwestern: STARS Anatomy and Physiology Camp

June – July 2022

- Studied **directional terms, body systems, functions of organs** and specific **mechanisms** within each system
- Created **models of bones** and **muscles** to develop an understanding of each body system

Greater Dallas Youth Orchestra (GDYO), Dallas, TX

August 2022 – May 2023

2nd Chair Bassoonist

- Selected for **Wind Symphony** through audition of orchestral excerpts
- Rehearsed at **University of North Texas' Murchison Center** to perform a total of 3 concerts with high-level musical literature.

VOLUNTEER EXPERIENCE

Healing with Harmonies Bassoonist

Present

- Perform free concerts for nursing homes and patients that may not be otherwise be able to attend music festivals or performances.
- Collaborate with other musicians to compose scores for different popular pieces, especially since bassoon is a selective and unique instrument

North Texas Food Bank Volunteer

November 2020 – May 2023

- Coordinated with **30 volunteers** to package meals and canned foods for homeless individuals in the **Dallas Fort Worth** area

Letters For Rose Artist

August 2020 – February 2021

- Illustrated **heartfelt cards** and **positivity letters** for senior citizens in nursing homes during **COVID-19** pandemic