

Gauri Menon

Morrisville, NC | menon26g@ncssm.edu | gsmenon123@gmail.com | 919-889-7142

Education

North Carolina School of Science and Mathematics (NCSSM)

August 2024 – May 2026

GPA: 4.7/4.0

Athens Drive High School

August 2022 – June 2024

GPA: 4.0/4.0

Experience

Researcher in Computational Health, NCSSM – Durham, NC

January 2025 – Present

- Conducting independent research applying computational models to predict heart disease in patients exhibiting sepsis through structured ICU data
- Utilizing programming tools (Python, Mathematica, and Excel) to analyze large datasets, develop predictive models, and visualize scientific data with libraries such as pandas, NumPy, and PyTorch.
- Creating and presenting research paper and poster to peers and science community

Co-founder, Chill-Out Ice Cream – Cary, NC

June 2024 – Present

- Founded and operating a small business selling homemade ice cream with new weekly flavors where all proceeds go to the World Food Programme
- Managing product development, marketing, and finance

Server, Brier Point Retirement Community – Morrisville, NC

May 2022 – Present

- Serving a retirement community, providing meals, maintaining a clean dining environment, and engaging with residents to ensure a welcoming environment

Outreach Intern, Sensible – Raleigh, NC

June 2022 – August 2024

- Head intern of Public Relations for Sensible, a company developing menstrual pads that detect cervical diseases
- Managed task delegation, organized events, and oversaw communications, including press releases, news articles, and a monthly newsletter

Volunteer Tutor, El Centro Hispano – Raleigh, NC

November 2022 – June 2024

- Tutored underrepresented students teaching both English and Mathematics.
- Designed and tailored a comprehensive curriculum including lesson plans, worksheets, and homework assignments to fit each child's needs

Leadership & Service

Ambassador, NCSSM – Durham, NC

June 2025 – Present

- Lead campus tours, info sessions, and webinars for prospective students and families across NC
- Represent NCSSM at Open Houses, Discovery Days, and off-site school visits
- Assist with admissions communications and special projects; model professionalism, inclusivity, and strong public speaking

Captain, Nachle, NCSSM Bhangra Team – Raleigh, NC

August 2025 – Present

- Create choreography for an Indian folk dance form named bhangra
- Lead workshops and rehearsals, and organize performances for cultural festivals

Co-founder & Lead, Tunes of Feathers Band – Apex, NC

August 2022 – Present

- Founded and lead a nonprofit fusion music band that blends Western and Indian classical styles
- Produce and release original musical videos, and perform at local venues and community events
- Currently developing a fundraising production working on organizing, composing, and advertising

- High School Diplomat**, U.S.-Japan Exchange – Charlottesville, VA August 2025
- Selected as one of a small cohort nationwide for an extremely competitive U.S.-Japan exchange program emphasizing diplomacy, cross-cultural dialogue, and global citizenship
 - Practiced cross-cultural communication, public speaking, collaboration, and adaptability through daily seminars and projects with Japanese student delegates
- Treasurer**, Athens Drive Health Occupational Students of America (HOSA) – Raleigh, NC August 2023 – June 2024
- Managed finances and organized events for a 100+ member healthcare organization
 - Lead labs, workshops, and taught students in preparation for HOSA competitions
 - Notable experience includes raising \$50,000 for Kimberly's Touch through fundraising events and charity gala
- Executive Board**, Greater Carolina Kerala Association – Cary, NC Sep 2023 – Sep 2024
- Led initiatives for a cultural nonprofit serving 5,000+ people in NC's Malayali community
 - Emceed numerous events with over 3,000 attendee
 - Organized youth engagement events such as career nights as well as Kerala Cultural festivals such as Onam, Eid, and Christmas
 - Taught Malayalam language and culture to classrooms with over 30 students
 - Catalyzed fundraising for aid for devastating floods in Kerala, raising over \$4000

Awards & Honors

Academic

- Conrad Challenge Innovator 2025
- Top 10 in State, HOSA Competitive Event 2022, 2023

Music

- Triangle Youth Symphony Flutist 2024 - 2025
- All-District & All-State Honor Band Inductee 2020 - 2025
- 5x 1st Place, Raleigh Area Flute Association (RAFA) 2020, 2021, 2022, 2023, 2024
- 3x 1st Place Winner, South India Fine Arts Association (SIFA), 2021, 2022, 2023
- 1st Place, Indian Fine Arts Association (IFAA) 2022

Dance

- Touring performance, *Dandelion*, (Indian Classical Fusion Production) 2024 - Present
- 1st Place, NC Next Star Dance Competition 2023 & 2024
- 1st Place Flowers TV USA Dance Competition 2023
- Continuous performances at Durham CenterFest, NC Raga Revival, and other local venues

Skills

Languages: English (*Native*), Malayalam (*Native*), Spanish (*Intermediate Proficiency*)

Technical: Python (pandas, NumPy, PyTorch), Excel, Mathematica, LaTeX, Data Analysis, Statistics, Scientific Writing, Video Editing

Interpersonal: Leadership, Public Relations, Communication, Collaboration, Problem-Solving, Customer Service