

Gauri Menon

Morrisville, NC | menon26g@ncssm.edu | gs menon123@gmail.com | 919-889-7142

Education

North Carolina School of Science and Mathematics (NCSSM) <i>GPA: 4.7/4.0</i>	August 2024 – May 2026
Athens Drive High School <i>GPA: 4.0/4.0</i>	August 2022 – June 2024

Experience

Researcher in Computational Health , NCSSM – Durham, NC	January 2025 – Present
<ul style="list-style-type: none">Conducting independent research applying computational models to predict heart disease in patients exhibiting sepsis through structured ICU dataUtilizing 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
<ul style="list-style-type: none">Founded and operating a small business selling homemade ice cream with new weekly flavors where all proceeds go to the World Food ProgrammeManaging product development, marketing, and finance	
Server , Brier Point Retirement Community – Morrisville, NC	May 2022 – Present
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Head intern of Public Relations for Sensible, a company developing menstrual pads that detect cervical diseasesManaged 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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Lead campus tours, info sessions, and webinars for prospective students and families across NCRepresent NCSSM at Open Houses, Discovery Days, and off-site school visitsAssist with admissions communications and special projects; model professionalism, inclusivity, and strong public speaking	
Captain , Nachle, NCSSM Bhangra Team – Raleigh, NC	August 2025 – Present
<ul style="list-style-type: none">Create choreography for an Indian folk dance form named bhangraLead workshops and rehearsals, and organize performances for cultural festivals	
Co-founder & Lead , Tunes of Feathers Band – Apex, NC	August 2022 – Present
<ul style="list-style-type: none">Founded and lead a nonprofit fusion music band that blends Western and Indian classical stylesProduce and release original musical videos, and perform at local venues and community eventsCurrently 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