

KRITI VAJIPAYAJULA

email: kritivajipayajula@gmail.com

WORK EXPERIENCE

- Mathnasium; Math Tutor: Educate struggling STEM students by providing weekly tutoring sessions and guidance.
- KUMON; Tutor: Provided after-school education in Math and Reading to children aged between 4 to 15 years.
- CREATE lab, Vanderbilt School of Engineering; Shadowing Intern: Worked on developing a low-cost prosthetic knee as an alternative to the C-leg.
- Biomedical Microsystems Laboratory, Georgia Institute of Technology; Summer Intern: Worked on developing and improving lateral flow assays.

VOLUNTEER EXPERIENCE-250 HRS

- Meals by Grace: Prepared meals for families in need and crafted encouraging cards for children.
- North South Foundation: Dedicated six months to teaching mathematical concepts to K-12 students.
- Call Alpharetta to Serve: Managed cleanup for middle school talent shows and mentored children in Boy Scouts.
- Bharatakala Dance Academy: Organized a fundraising event to support Sanjeevani Hospitals, an institution providing healthcare to those unable to afford it.

EXTRACURRICULARS

- Bharatakala Dance Academy; Student-Teacher
- Alpharetta High Varsity Softball; Vice Captain
- National Honors Society; Member
- Alpharetta Model United Nations; Secretary
- American Red Cross Club; Secretary
- Alpharetta Indian Desi Society; Social Media Head.

EDUCATION

Alpharetta High School; Junior GPA: 4.0

AP COURSES:

AP Chemistry, AP Physics 1, AP Physics C, AP Calculus BC, AP Precalculus, AP Biology, AP Psychology, AP Macroeconomics, and AP Microeconomics.

DE COURSES:

CS 1301, CS 1331, ENGL 1101, ENGL 1102, FREN 1001, and FREN 1002.

SKILLS

- Computer Skills: HTML, Python, MATLAB, IOS software development, Office 365, Excel, PowerPoint, and Java.
- Languages: English, Hindi, Telugu, Kannada, and Elementary French
- Other Skills: Communication, Comprehensive abilities, Research, Teamwork, and Leadership

ACCOMPLISHMENTS

- Certificate for the successful completion of the Arangetram- a course of theory and practice of Bharatnatyam. (2022)
- Outstanding Achievement Award for AP Chemistry, and U.S. Government. (2024)
- "Teammate Award" and "Positive Athlete Nominee" for being a supportive team player in the Alpharetta High Varsity Softball Team. (2023)
- Title of "Best Delegate" representing Great Britain at the Vibgyor High MUN. (2021) and "Outstanding Delegation" at the KSU Conference (2023)