Rushil Jayant

College Station, TX | rushil.jayant@gmail.com | 979-555-5555

OBJECTIVE

Seeking a Software Engineering Position at the Institute for Health Metrics and Evaluation. I am a self-motivated team-player who wants to help solve the world's most challenging problems with creativity and innovation.

EDUCATION

Texas A&M University, College Station, TX
Bachelor of Science in Computer Science   Expected Graduation: May 2025
- Craig and Galen Brown **Engineering Honors** Program Student

Foothill College, Los Altos, CA   September 2020 - June 2022
Certificate of Achievement in Advanced Software Development
Certificate of Achievement in Software Development in Python
- **Relevant Courses:** Elementary Statistics, Advanced Data Structures with Python, Software Design in Python, Object Oriented Methodologies in Python, Database Management Systems

EXPERIENCE

AggieBus.ai, College Station, Texas   September 2022 – Present
Project Lead/Researcher in Simulation Studies
- **Designing** a web application incorporating Machine Learning and Analytics to predict Texas A&M University Bus Stop Times accurately
- **Utilizing** React, HTML, CSS, and Python with Fast API for development

Mathnasium, Tracy, CA (Remote)   April 2021 – Present
Math Instructor
- **Instructed** students on thousands of elementary, middle, and high school math concepts using proprietary Mathnasium Method and Team-Teaching methodologies to increase grades and overall math proficiency of students
- **Leveraged** Socratic Question to assess and expand understanding for students

City of Cupertino Teen Commission, Cupertino, CA   August 2019 – August 2021
Chair/Vice Chair
- **Chaired** a group of nine teens representing 15k youth in Cupertino and organized a $10k budget
- **Led** and hosted several events with 100s of participants, including a Hackathon and Political Forum

LANGUAGES   English (Fluent), Tamil (Native), Hindi (Fluent), French (Fluent), Telugu (Basic)

SKILLS   **Python, Java, NumPy, Linux, AWS, MySQL, Docker, Statistics**

AWARDS

- Dean's Honor Roll (Texas A&M University)
- National Merit Finalist
- Presidential Scholar Nominee
- City of Cupertino Commissioners' Award

RESEARCH

Sentiment Analysis on the News to Improve Mental Health
Leveraged **GPT-3, TensorFlow, and scikit-learn** to Classify Sentiment on News Headlines.
Presented Research on **Natural Language Processing** at IEEE MIT Undergraduate Research Technology **Conference**.