Pranav Tikkawar
North Brunswick, NJ
732-226-4858 | pt422@scarletmail.rutgers.edu

EDUCATION

Rutgers, State College of NJ   **New Brunswick, NJ**
Bachelor of Science in Computer Science, Mathematics, and Data Science   Expected 2027
- **GPA:** 3.83 / 4.0; SAT: 1570
- **Honors:** Honors College of Rutgers
- **Relevant Coursework:** Honors Calc IV, Honors Intro Math Reasoning, Data Structures, Data 101, Linear Algebra, Calc III, Intro to Computer Science

LEADERSHIP EXPERIENCE

Model United Nations
Junior Chief of Staff, Rutgers Association of International Relations   September 2023 – Present
- Participated in a collegiate Model United Nations conference. Advocated for global decolonization, representing the country of Nigeria. Contributed to discussions on transitioning towards a world that prioritizes peace and autonomy.
- Organized and led delegation meetings, facilitating collaborative discussions on pertinent issues. In these sessions, I provided comprehensive instruction on effective debate skills to fellow delegates, empowering them with the tools necessary for impactful contributions.

Data Science Club
Member, Rutgers Data Science Club   September 2023 – Present
- Learned to create linear and exponential relationship models using data in Python using machine learning libraries.
- Participated in a datathon where I modeled the relationship between nutritional values in Starbucks and Dunkin Donuts beverages.

Math League
President, St. Joes Math League/Interstellar Competition   September 2021-May 2023
- Organized a 100+ student math competition for middle schoolers while also developing a test to accurately judge their skills in Algebra and Geometry
- Won first place in the nation in the National Catholic Math League
- Led a nationally winning Interstellar Math League competition where I consistently scored the highest among my peers.

PERSONAL PROJECTS

Momentum-Based Algorithmic Trading Bot
- Using the processes behind neural networks, I created a model that takes in historical financial data and momentum-based indicators to model potential future market trends.
- Created a data frame that stores historical stock data and calculates common quantitative indicators to identify stocks likely to rise in price.

Neural Network Modeling
- Created a neural network system to fit curves to data and predict future data based on prior data with an emphasis on more recent data.

SKILLS, ACTIVITIES & INTERESTS

Languages: Fluent in English; Conversational Proficiency in Hindi
Technical Skills: Java, Python, R, MATLAB
Certifications & Training: Coursera: Intro to Financial Accounting
Activities: USACS, Entrepreneurship Club (HS), Chess Club (HS)
Interests: Live Music: Drums, Guitar, and Bass. Data Analytics, Debate