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Carlo Lipizzi
Systems & Enterprises Academic & Administrative Operations
Stevens Institute of Technology
Hoboken, NJ, 07030

Dear Professor,

I am writing to express my interest in the Graduate Research Assistant (GRA) position within the Department at Stevens Institute of Technology. As a current Master's student in Data Science with a solid academic background and hands-on experience in research, I am excited about the opportunity to contribute to ongoing research efforts under the supervision of the Principal Investigator (PI).

In my current program, I have developed advanced skills in machine learning, data analysis, and statistical methods. My coursework in Applied Machine Learning, Data Analysis using Statistical Methods, and Natural Language Processing (NLP) has equipped me with the technical expertise needed to design and execute research experiments, as well as collect and analyze data. I have also worked on projects such as a fine-tuned BART model for AI applications and an AI-Trader system, which involved advanced machine learning techniques, real-time data analysis, and predictive modeling.

During my time as a Senior Consultant at LTIMindtree, I successfully developed machine learning models for real-time server monitoring and automated data analysis frameworks. This experience sharpened my skills in experimental design, problem-solving, and communicating technical findings. Additionally, my role involved collaborating with cross-functional teams, which I believe will be valuable in supporting the research activities within your team.

I am confident that my academic background, technical skills, and previous research experience make me a strong fit for this position. I am eager to contribute to your ongoing research projects and help disseminate findings that will advance academic knowledge in our field.

Thank you for considering my application. I look forward to the opportunity to further discuss how I can contribute to your research team.

Sincerely,
Akshay Parate