Subject: Inquiry Regarding Research Opportunity and Future Prospects

Dear Professor [Professor's Last Name],

I hope this email finds you well. My name is Utsav Avaiya. I am currently a third year Computer Engineering student from Sardar Patel Institute of Technology (S.P.I.T.), Mumbai and I am writing to express my keen interest in pursuing a research internship in the field of Machine Learning under your guidance at [Institute].

My journey in Machine Learning is in its early stages, but I am highly motivated to expand my knowledge and skills in this field. I am actively seeking opportunities to contribute to meaningful research projects and gain practical experience. I am currently working towards developing an adaptive Traffic Signal Control (TSC) system that can make real-time adjustments to address dynamic traffic patterns, reducing congestion, and maximizing intersection throughput through Reinforcement Learning.

Through my academic journey and practical experiences, I have developed a deep passion for this field and I am eager to contribute and learn from your expertise. I understand the importance of rigorous research and am committed to dedicate all my time and effort towards it.

I kindly request an opportunity to discuss the potential for my involvement in your research group and the possibility of contributing to ongoing or future projects. I have attached my CV to this e-mail, but if there is any additional information that I have not included that you would like, I would be happy to provide it to you. Thank you for your consideration.

Warm regards,

Utsav Avaiya