RUTGERS
THE STATE UNIVERSITY
OF NEW JERSEY

CAIT
Center for Advanced Infrastructure and
Transportation
Rutgers, The State University of New Jersey
100 Brett Road
Piscataway, NJ 08854-8058

https://cait.rutgers.edu/
cait@soe.rutgers.edu
Main phone: 848-445-0579
Main fax: 732-445-3325

October 1, 2024

To Whom It May Concern:

I am pleased to recommend Harshish Singh Bedi, who worked under my supervision as a Research Assistant at the Rutgers Rail and Transit Program. Harshish demonstrated a high level of technical expertise and problem-solving ability, contributing significantly to our projects.

He successfully utilized time series analysis to predict train schedules with high accuracy, improving resource allocation and operational planning. Harshish also enhanced our data filtering algorithms, reducing errors by 13.4% and improving train positioning accuracy in GPS-denied environments. His technical skills were further evident in his work on AWS CodeCommit and CI/CD pipelines, which streamlined our deployment processes.

Harshish is a team player who brings enthusiasm and a positive attitude to every project. He is always willing to go above and beyond, whether it is by taking initiative on tasks or collaborating with others to ensure the success of the team. His contributions have been invaluable, and I have no doubt that he will continue to excel in his future endeavors.

Harshish consistently displayed a strong work ethic, initiative, and excellent teamwork. His contributions had a lasting impact on our research, and I am confident he will excel in any future role.

Sincerely,

Junyan Dai
Graduate Research Assistant (CAIT)
Rutgers University

Junyan Dai