



Intro to the Traffic Simulator Team

By: Mohammad Awais Zubair, Afreen Fatima, and Sebastian Teslic

About Us



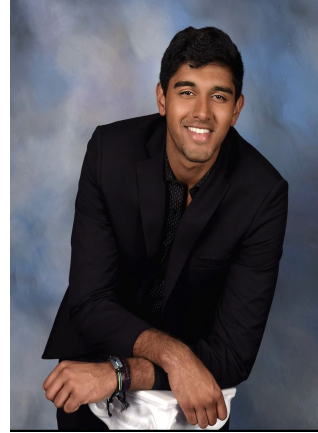
Afreen Fatima

Rutgers University
Major: Computer
Engineering
Class: 2024



**Sebastian
Teslic**

Boston University
Major: Computer
Science
Class: 2024



**Mohammed
Awais Zubair**

Rutgers University
Major: Computer
Engineering
Class: 2023

Our Project

- We will feed real-time data from SUMO (a traffic simulator) to a Gazebo simulation (robotics simulator) to create a virtual model of traffic in a dense city, such as New York City
- SUMO software will provide us with the simulation data and behavior of cars in traffic
- Gazebo software will provide a 3D robotics simulation of the data collected from SUMO
- Eventually, we could even place a self-driving car into our traffic simulation

The background features several abstract, organic shapes. A large brown shape is on the left side. A large grey shape is in the top right corner. A smaller grey oval is in the bottom right corner. The text is centered on a white background.

Thank You!

Any Questions?