

Student Impact Statement 1

The project helped me learn and develop computer vision skills that were required to create the Emergency vehicle detection and localizations techniques. The project also helped me understand the concepts I learnt in classes like "MEEN 651 – Control System Design" and "MEEN 655 – Design of Nonlinear Control Systems" and experience firsthand what goes in developing control modules for a vehicle.

This project also developed my proposal/technical writing skills and allowed me to reflect that writing the conference papers and quarterly reports. All in all, the project exposed me to the real-world scenarios and research methodologies, which would have been difficult to experience, just from the coursework in my degree plan.

Thank you, Safe-D,

Abhishek Naya

Student Impact Statement 2

The project helped me learn and develop skills that are required for autonomous vehicle control in emergency vehicle detection scenarios. This project gave me a great opportunity to implement my control algorithms to a real-vehicle platform. From this implementation, I learned a lot of vehicle ECU knowledge and gained tremendous hands-on experience with vehicle testing.

This project also helped me improve my technical writing skills, which is a benefit for my PhD dissertation. In one word, this project gave me fresh views of how the real autonomous vehicle control challenges are, and connected my research topics tightly to them.

Thank You Safe-D,

Mengke Liu