This project featured a lot of real-world sensor data analysis and methodology utilized by automated driving vehicles. The work presented here required the understanding and implementation of algorithms that are ADS and ADAS essential and that are not easily learned without carrying out hands-on, pointed research projects like this. The methods learned and employed here, such as DGPS localization, radar tracking with Kalman filters, LiDAR point cloud processing, and development of the underlying framework code in ROS, has a large overlap with the professional skills and knowledge needed to work on any facet of ADS vehicles. The work experience and general body of knowledge I gained is irreplaceable, and the ability to develop test methods, carry out a test plan, deliver test results, and work with team members in many parts of the project has directly contributed to my success both in graduate school and as a working professional.

Thanks Safe-D,

Greg Beale