

This project has helped me to learn how to work with fundamental safety concepts and put into practice what I have been learning in theory. As the project needed deep and comprehensive statistical knowledge, I managed to take relevant courses in Statistic Department. In particular, STAT632 (Bayesian statistics) and STAT636 (Multivariate analysis) helped me to expand my toolbox and develop the skills that are essential in such safety-related projects. As part of the project, I had to code in various programming languages, learn how to work with some commonly used software, and deal with big data analysis and computation. All these helped me to get a better understanding of the scope and magnitude of the work in the safety analysis.

Thanks, Safe-D Ali Khodadadi

I learned how to use ArcGIS to process and integrate roadway and traffic data. I also used StreetLight's InShight platform to download various datasets. I learn how to perform data quality control checks, process and analyze data, and link databases. My involvement in this project allowed me to apply knowledge learned in school and on the job into a real-world application.

Thanks, Safe-D Jessica Morris