I am a graduate student in search of an engineering position at Southwest Research Institute. During my education, I became passionate about many topics in the field of automobile technology. Currently, I work at Midwest Roadside Safety Facility (MwRSF) as a research assistant. My experience includes conducting vehicle instrumentation data analysis, writing and publishing for technical reports, and finite element analysis in support of barrier design evaluations. My most recent project includes an Anti-lock Brake System (ABS) evaluations under different surface interfaces. This involved, instrumentation for vehicle data, along with development of an ABS controller in Simulink.

I could spend most of this cover letter describing all of my projects, but I believe there will be time for that later. I am a student that comes from Mexico