DESIGN RESEARCH ENGINEERING

46475 Desoto Court
Novi, Michigan 48377
Tel: (248) 668 - 3450
Fax: (248) 668 - 3460

STEPHEN F. DABKOWSKI, B.S.E.
PROJECT ENGINEER

PROFESSIONAL SPECIALIZATION

Accident analysis and reconstruction for passenger vehicles and heavy trucks, including computer simulation using HVE software and photogrammetry analysis using PhotoModeler software. System and component testing, including data reduction and analysis. Digitization of accident scenes, vehicles, and vehicle components, using 3-D Scanning. High quality graphics rendering of accident scenes, vehicles, and accident sequences.

Simulation/Software: Faro Scene, Polyworks, PhotoModeler, HVE, Matlab/Simulink, AutoCAD, Rhinoceros 3D, CATIA V5, SolidWorks, Inventor, ADAMS, Arduino.

PROFESSIONAL BACKGROUND

Bachelor of Science in Engineering (B.S.E.)
Mechanical Engineering, University of Michigan, 2019

Additional Engineering Courses
Traffic Crash Reconstruction I & II, Northwestern University Center for Public Safety – 2020
Accident Reconstruction Training Course, Engineering Dynamics Corporation – 2019

Project Engineer
Design Research Engineering
2019 to present
Mechanical Engineer Intern
Link Engineering Company
2018
Vehicle Test Engineer Intern
Link Engineering Company
2016 to 2017

Honors: Cum Laude, University of Michigan