

CARR ENGINEERING, INC.

12500 CASTLEBRIDGE DRIVE HOUSTON, TX 77065-4532

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Jennifer A. Crimeni

Specialized Professional Competencies

- Crash Analysis and Reconstruction – Conduct vehicle and scene inspections utilizing three dimensional mapping equipment; exemplar vehicle analysis; speed analysis; collision and rollover analysis; computer-aided crash analysis including use of AutoCAD, photogrammetry, and HVE programs including EDCRASH and EDSMAC.
- Mechanical Design Analysis and Failure Analysis

Professional Qualifications

- Bachelor of Science (Mechanical Engineering), The University of Texas 2002
- Senior Engineer, Carr Engineering, Inc. 6/2002 – Present
Engineer responsible for crash reconstruction. Activities include scene inspections, vehicle inspections, crash analysis, and mechanical design analysis.
- Mechanical Engineer (in training), Halliburton/Brown and Root 5/1999 – 8/1999
Worked in the Mechanical Engineering group on an offshore oil and gas production platform project, compiled mechanical specifications for purchase, and assisted in total project cost estimates.
- Technical Associate, Shell Chemical Company 6/1997 – 6/1998
Worked with plant engineers and coordinated meetings, summarized documents and specifications, created Power Point presentations for plant implementation projects, and designed a filing system to organize engineering documents.
- Northwestern University Center for Public Safety Traffic Accident Reconstruction Course
- Engineering Dynamics Corporation Reconstruction Training Course
- Engineering Dynamics Corporation Simulations Training Course
- Crash Data Retrieval (CDR) Technician Course
- Member – Society of Automotive Engineers

Publications

- Co-Author “Motor Vehicle Driver Characteristics – Crash Avoidance Behavior” – SAE 2007-01-0449
- Co-Author “Lay Driver Technique for Crash Avoidance Brake Application” - SAE 2014-01-0146