

Kevan J. Granat

Specialized Professional Competence

- Crash reconstruction, failure analysis, and risk assessment.
- Vehicle dynamics testing and instrumentation.
- Design, testing, and evaluation of automotive chassis systems.
- Computer aided engineering, computer modeling of design, and design verification.

Professional Qualifications

- Master of Science - Mechanical Engineering (MSME), Purdue University, 1992
 - Thesis: "The Use of Interpolated Eigenvectors to Position Coupling Elements between Sub-Structures."
 - Graduate Research Associate: Performed automotive structural analysis and computer modeling of chassis systems for body-on-frame vehicles.
 - Graduate Teaching Associate: Taught an undergraduate mechanical engineering course on vehicle analysis, design, and fabrication.
- Bachelor of Science - Mechanical Engineering (BSME), Purdue University, 1990
 - Elective concentration in automotive design and vehicle dynamics.
 - Recipient of the General Motors GM Scholar scholarship award.
 - Recipient of a National Merit Finalist Scholarship.
 - Recipient of the Society of Automotive Engineers Chapter Contribution Award.
- Granat Technical Consulting, LLC (2013 to present) Principal Engineer
- Dynamic Analysis Group, LLC (2007 to 2013) Principal Engineer
- Granat Technical Consulting, LLC (2006 to 2007) Principal Engineer
- Tandy Engineering & Associates, Inc. (2002 to 2006)
Performed vehicle handling evaluation, vehicle testing, accident reconstruction, failure analysis, vehicle test instrumentation, and computer aided engineering.
- Carr Engineering, Inc. (1997 to 2002)
Performed vehicle handling evaluation, vehicle testing, accident reconstruction, failure analysis, vehicle test instrumentation, and computer aided engineering.
- Ford Motor Company (1993-1997) Vehicle Dynamics Engineer
Light Truck Chassis Dynamics Department and Advanced Vehicle Technology Department. Designed, analyzed, and tested chassis systems on various light truck platforms, including computer modeling and testing of vehicle handling performance.
- Ford Motor Company (1992-1993) Chassis Design Engineer
Performed design, analysis, and testing of automotive chassis systems.
- Member: Society of Automotive Engineers