

Exponent®
Engineering & Scientific Consulting

Kris Jones

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Professional Profile

Mr. Jones is a Manager in Exponent's Detroit office and has more than a decade of experience in the automotive industry and performing accident reconstructions. He is experienced with many vehicle systems including their function, operation, and performance. He is proficient with vehicle and component testing and analysis. Mr. Jones is well versed in conducting vehicle and site inspections for accident reconstruction and failure analysis purposes.

Prior to joining Exponent, Kristopher worked as a Forensic Engineer at Aperture LLC. Kris has investigated and participated in the reconstruction of accidents involving passenger vehicles, commercial vehicles, and motorcycles. His responsibilities included the inspection of vehicles and crash sites to gather evidence, including downloading event data recorder (EDR) systems from passenger and heavy vehicles, processing and analysis of collected data, and the creation of exhibits, reports, and simulations related to the reconstruction of accidents.

Before working at Aperture LLC, Mr. Jones spent 9 years at Ford Motor Company where he worked in Powertrain Engineering. His responsibilities included vehicle and component level testing, control strategy development and calibration, and collaboration with adjacent vehicle subsystem engineers. Mr. Jones also has experience with vehicle module communication, diagnostics, and troubleshooting.

Mr. Jones graduated from Brigham Young University with a Bachelor and Master of Science degree in Mechanical Engineering. While pursuing his graduate studies, he was employed as a research assistant where he studied biomedical applications of compliant mechanisms. He is a certified Engineer in Training through the National Council of Examiners for Engineering and Surveying (NCEES).

Academic Credentials & Professional Honors

M.S., Mechanical Engineering, Brigham Young University (BYU-Provo), 2013

B.S., Mechanical Engineering, Brigham Young University (BYU-Provo), 2011

Prior Experience

Forensic Engineer, Aperture LLC, 2022-2024

Calibration and System Engineer, Ford Motor Company, 2013-2022

Research Assistant, Brigham Young University, 2011-2013

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Patents

US9422767B2: Ladders and related methods, 2014 (Russel B, Peterson S, Jones K, Wright B)

US20200323665A1: Compliant Biocompatible Device and Method of Manufacture, 2020 (A. Bowden, B. Jensen, K. Jones, D. Skousen)

US11427081B1: System and Method for detecting torque trap in vehicle drivetrain (K. Jones, F. Tomik)

Publications

Jones, K., Jensen, B. D., and Bowden, A. Fabrication and Testing of Planar Stent Mesh Designs Using Carbon-Infiltrated Carbon Nanotubes. ASME. J. Nanotechnol. Eng. Med. May 2013