Curriculum Vitae
Charles R. King, ACTAR

Mr. King is an Accident Reconstructionist with FET in Orlando, where he combines his passion for the automotive world with his fondness for science and mathematics. He is skilled in modeling vehicle kinematics, analyzing three-dimensional data, photogrammetry, and interpretation of video evidence. Drawing on his experience as a certified CAD technician, he creates powerful and detailed graphics and animations to illustrate complex analyses with simplicity and clarity. Before joining FET, he was an automotive service manager and then a commercial parts manager for two national companies. Outside of the office, he enjoys tinkering in his garage and spending time with his wife and two children and is actively pursuing a Bachelor of Science in Mechanical Engineering.

Licensure and Certification

- ACTAR Accredited Traffic Accident Reconstructionist, #3526
- Crash Data Retrieval Technician, Collision Safety Institute, 2019
- ASE Automotive Parts Specialist – P2
- ASE Medium/Heavy Truck Parts – P1
- Autodesk Certified Professional – AutoCAD
- FAA Certified UAS Commercial Pilot

Formal Education

- Bachelor of Science in Mechanical Engineering, University of Central Florida, In Progress
- Associate of Arts, Tallahassee Community College, 2009

Professional Development

- EDR Summit, Crash Data Group, 2020
- Accident Reconstruction and Investigation, 2018
- Advanced Traffic Crash Investigation, Institute of Police Technology and Management, 2018
- At Scene Traffic Crash and Traffic Homicide Investigation, Institute of Police Technology and Management, 2018

Professional Experience

- Traffic Accident Reconstructionist, Forensic Engineering Technologies, LLC, Orlando, FL, 2017-Present
- Commercial Parts Manager, O'Reilly Auto Parts, Tallahassee, FL, 2014-2017
- Assistant Service Manager, Pepboys, Tallahassee, FL, 2010-2012

Professional Affiliations

- American Society of Mechanical Engineers (ASME)

Teaching Experience

- Accident Reconstruction and Investigation, 2020

Publications

- George, E.S., Fournier, D.J., Eason, P., & King, C.R. (2019). Forensic Engineering Investigation and Analysis of Crack Formation in Acetal Resin Nuts used for Water Supply Lines. *Presented at the NAFE Winter Annual Meeting, January 2019, Orlando, Florida.* Paper in review.

- King, C.R.,& Morgan, J.F. (2019). Synthesis of video and 3D laser metrology to reconstruct a vehicle vs pedestrian collision: a case study. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting, 63*(1), 542-546.

3626 Quadrangle Blvd., Suite 200, Orlando, FL 32817
TEL 407-333-2690 | **FAX** 407-333-2485