COORDINATING FORENSIC ENGINEER / ACCIDENT RECONSTRUCTIONIST (Penns Park, PA)

JOB DESCRIPTION

BACKGROUND

We are seeking a full-time in-house Forensic Engineer, with a focus and interest in Accident Reconstruction, to expand our technical group. This individual will team with our in-house experts to provide case-specific technical expertise on an array of Accident Reconstruction cases, including pedestrian/vehicle collisions, "Who was Driving?"-type investigations, and Heavy Truck Event Data Recorder (Black Box) analyses, among other areas. The Forensic Engineer will investigate and reconstruct motor and commercial vehicle collisions, perform vehicle, site and evidence inspections utilizing the latest in 3D scanning technology and software, conduct testing, and present technical lectures to audiences.

ROLES & RESPONSIBILITIES

- Provide project support to accident reconstruction experts who are investigating and analyzing passenger and commercial vehicle collisions;
- Participate in site/vehicle/truck inspections; observe the expert documenting physical evidence;
- Learn how to use a 3D laser scanner to preserve physical evidence from vehicles / crash scenes;
- Observe and practice the process of researching, reconstructing and analyzing all of the facts to determine what really happened in an accident;
- Observe the lifecycle of an accident reconstruction case – from the initial investigation and digital preservation of the evidence, to performing testing, writing expert reports, preparing for depositions, exhibit preparations and trial testimony;
- Assisting the reconstruction group with data collection for publication in technical journals;
- Participating in the development of innovative new research methodologies for publication;
- Observing and conducting technical lectures on accident reconstruction to various groups.

REQUIREMENTS

- Bachelors or Master's degree in an Engineering discipline or related field.
- The ideal candidate will have a strong problem solving ability, an open-minded analytical skillset, and an intense curiosity to dig deep within the physical evidence to solve the case.
- Most importantly, the ideal candidate will possess an ability to simply and effectively communicate complex technical topics to clients, and ultimately, an ability to articulate and educate a jury about your technical opinions.
- A desire to conduct technical lectures to large audiences.
- A genuine interest and/or experience in the automotive industry is preferred.
- No prior Accident Reconstruction or forensic experience required (full training will be provided).

HOW TO APPLY

Please submit your resume and cover letter to Christie Voelker, Human Resources Director, at jobs@arcca.com.

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