MATTHEW ADAMS

248.914.9454
madams@explico.com

TRAFFIC ACCIDENT RECONSTRUCTION

EDUCATION

THE UNIVERSITY OF ALABAMA

BS   Mechanical Engineering   2018

AFFILIATIONS

Society of Automotive Engineers (SAE)

PROFESSIONAL PROFILE

Mr. *Matthew Adams* is a Scientist with previous experience in Vehicle Accident Reconstruction. He supports the Accident Reconstruction team at Explico in scientifically investigating vehicle collisions.

Mr. Matthew Adams earned his BS in Mechanical Engineering from the University of Alabama. He is a Certified Crash Data Retrieval technician and has the training and experience to image, preserve, and interpret data from heavy vehicle event data recorders, brake control modules, and other electronic components. Mr. Adams has documented numerous accident scenes using cameras, terrestrial laser scanners, drones, and other surveying equipment. He is trained in vehicle documentation and has inspected hundreds of vehicles in his career including passenger vehicles, commercial vehicles, buses, motorcycles, and more. He analyzes and documents evidence, performs calculations using principles of physics, and uses computer simulation programs such as HVE and Virtual Crash to analyze vehicle motion.

AREAS OF EXPERTISE

Crash Data Retrieval
HVEDR

EXPERIENCE

Explico
2022 - Present   *Scientist*

Delta |v| Forensic Engineering
2018 - 2022   *Associate Engineer*

PROFESSIONAL DEVELOPMENT

Society of Automotive Engineers International (SAE)
Accessing and Interpreting Heavy Vehicle Event Data Recorders — October 2021
Advanced Applications of HVEDR — October 2021

Northwestern Center for Public Safety
Traffic Crash Reconstruction 1 — February 2021

Institute for Police Technology and Management
Investigation of Pedestrian Collisions — October 2019
Bosch CDR Tool Technician Training — October 2018

Bendix
ABT 101 — October 2020

American Boat and Yacht Council
Marine Accident Reconstruction — January 2024

Engineering Dynamics Company
EDC Simulations — January 2023
EDC Reconstruction — November 2022