MATTHEW ADAMS

PE

248.914.9454
madams@explico.com

TRAFFIC ACCIDENT RECONSTRUCTION

EDUCATION

THE UNIVERSITY OF ALABAMA

BS Mechanical Engineering **2018**

LICENSES & CERTIFICATIONS

Professional Engineer MI
#6201315262

SAE's Accident Reconstruction Certificate Program

AFFILIATIONS

SAE International

PROFESSIONAL PROFILE

Mr. *Matthew Adams* is an Engineer 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

ADAMS

PE

Experience

Explico

2022 - Present *Scientist*

Delta lvl Forensic Engineering

2018 - 2022 *Associate Engineer*

Professional Development

Society of Automotive Engineers International (SAE)

Introduction to Brake Control Systems: ABS, TCS, and ESC — June 2026

Reconstruction and Analysis of Rollover Crashes of Light Vehicles — April 2026

The Fundamentals of Vehicle Dynamics — October 2024

Vehicle Crash Reconstruction Principles and Technology — September 2024

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