

# **Crash Data Services, LLC**

Accident Investigation & Reconstruction  
www.crashdataservices.net

# **Shawn Gyorke**

p: (847) 217-6644  
email: info@crashdataservices.net

## **SUMMARY**

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Shawn Gyorke is a Certified Accident Reconstructionist with education, training and experience in the investigation, reconstruction, and analysis of personal injury and fatal traffic crashes. Shawn currently concentrates on civil crash reconstruction projects, as well as vehicular insurance fraud identification and criminal defense. Shawn has 16 years law enforcement experience and has been accepted as an expert witness at trial.

## **PROFESSIONAL LICENSE AND CERTIFICATIONS**

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Graduate of Northwestern University's Center for Public Safety Accident Investigation and Reconstruction Program (2002)

Certified State of Illinois Crash Reconstruction Specialist (2002)

Certified Reconstructionist by the Accreditation Commission for Traffic Accident Reconstruction - ACTAR #1514 (2005)

Certified Bosch Crash Data Retrieval Technician & Analyst (2007)

State of Illinois Licensed Investigator – License No. 115.002163 (2010)

Licensed Bosch Crash Data Retrieval Technician Level 1 & Level 2 Trainer (2011)

## **AREAS OF EXPERTISE**

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Car, SUV, Motorcycle, Truck, Pedestrian, and Bicyclist Accidents

Low and High Speed Collisions

At-scene Photography and Measurement

Roadway Evidence Examination

Seat Belt, Airbag, Headlamp, and Tire Examination

Crash Data Retrieval (Black Box Technology)

Speed Derivation by Momentum or Crush Analysis

Occupant Kinematics

Driver Response Time Analysis

Time, Speed, and Distance Scenarios

Computer Generated Scale Diagrams and Collision Animation

Police and Expert Report Review

Illinois Vehicle Code

## **PROFESSIONAL AFFILIATIONS**

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Illinois Association of Technical Accident Investigators (IATAI)

Midwest Association of Technical Accident Investigators (MATAI)

National Association of Professional Accident Reconstruction Specialists (NAPARS)

Traffic Accident Reconstruction Origin (TARO)

International Association of Special Investigation Units – Illinois Chapter (IASIU)

National Society of Professional Insurance Investigators – Illinois Chapter (NSPII)

Accident Reconstruction Network (ARC)

Society of Accident Reconstructionists (SOAR)

International Association of Auto Theft Investigators (IAATI)

National Association of Traffic Accident Reconstructionists & Investigators (NATARI)

## **PROFESSIONAL EDUCATION**

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At-scene Accident Investigation (Northwestern University - 2000)  
Crime Scene Investigation (North East Multi-Regional Training 2000)  
Technical Accident Investigation (Northwestern University 2001)  
Vehicle Dynamics (Northwestern University 2001)  
Traffic Accident Reconstruction 1 (Northwestern University 2002)  
Traffic Accident Reconstruction 2 (Northwestern University 2002)  
Introduction to Crash Data Retrieval (Northwestern Police Association 2003)  
Vericom Accelerometer Certification (Vericom Computers Incorporated 2003)  
Criminal Interrogations and Behavioral Interviews (John E Reid & Associates, Inc. 2004)  
Practical Sources for Investigations (North East Multi-Regional Training 2005)  
Traffic Crash Reconstruction Update (North East Multi-Regional Training 2005)  
Tactical Police Driving (Northeastern Illinois Public Safety Training Academy 2005)  
Highway-Rail Grade Crossing Collision Investigation (International Association of Chiefs of Police 2007)  
Crash Data Retrieval Technician (Collision Safety Institute 2007)  
Crash Data Retrieval Analyst (Collision Safety Institute 2007)  
Operation of Total Stations (Positioning Solutions, Inc. 2008)  
40 Hour Basic Evidence Technician (North East Multi-Regional Training 2008)  
Arson: Basic Crime Scene Investigation (North East Multi-Regional Training 2008)  
Forensic Technician Drying Cabinet (Major Case Assistance Team 2008)  
Forensic Technician Mobile B.E.A.S.T. (Major Case Assistance Team 2008)  
Forensic Technician Autopsy Protocol (Major Case Assistance Team 2008)  
Forensic Technician Autopsy Tent (Major Case Assistance Team 2008)  
Crash Energy Analysis (Accident Analysis & Reconstruction, Inc. 2008)  
Methodology and Techniques for Crash Data Retrieval (Institute of Police Technology and Management 2009)  
Crash Data Retrieval Technician (Collision Safety Institute 2009)  
Crash Data Retrieval Analyst (Collision Safety Institute 2009)  
Pedestrian and Bicyclist Accident Investigation (Institute of Police Technology and Management 2009)  
Advanced Vericom Accelerometer Applications (Vericom Computers Incorporated 2009)  
Footwear Impression Evidence Workshop (North East Multi-Regional Training 2009)  
Certified L.I.D.A.R. Operator (CALEA Standards Training 2010)  
Latent Print Technology Workshop (North East Multi-Regional Training 2010)  
Certified Breath Alcohol Operator (North East Multi-Regional Training 2010)  
Close Range Photogrammetry for Accident Reconstruction (DeChant Consulting Services 2010)  
Heavy Truck ECM Use in Accident Reconstruction (Institute of Police Technology and Management 2010)  
3D Animation for Traffic Accident Reconstruction (ARAS 360 Technologies Incorporated 2010)  
DWI Detection & Standardized Field Sobriety Testing (North East Multi-Regional Training 2010)  
Crash Data Retrieval Train the Trainer Certification (Collision Safety Institute 2011)  
Advanced Human Factors in Traffic Accident Reconstruction (Northwestern University 2011)  
Crash Data Retrieval Analyst (Northwestern University / Collision Safety Institute 2011)  
Crash Data Retrieval Train the Trainer Certification (Collision Safety Institute 2012)  
Traffic Accident Reconstruction 3 (Northwestern University 2012)  
Motorcycle Accident Reconstruction (Northwestern University 2012)  
Crash Data Retrieval Train the Trainer Certification (Collision Safety Institute 2013)

## **PROFESSIONAL EDUCATION (CONT.)**

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Driver Distraction from Electronic Devices (Society of Automotive Engineers 2013)  
Heavy Vehicle Crash Reconstruction (Northwestern University 2013)  
Crash Data Retrieval Analyst (Northwestern University / Collision Safety Institute 2013)  
Crash Data Retrieval Train the Trainer Certification (Collision Safety Institute 2014)  
H.V.E. Forum (Engineering Dynamics Corporation 2014)  
Forensic Mapping and Diagramming (Vehicle Crash Consulting 2014)  
Crash Data Retrieval Train the Trainer Certification (Collision Safety Institute 2015)  
Below 100 Instructor – (Below 100, Inc. / North East Multi-Regional Training 2015)  
Advanced Human Factors in Traffic Accident Reconstruction (Northwestern University 2015)  
Microsoft Excel for Traffic Crash Reconstruction (IATAI / Rich Consulting, LLC 2015)  
FARO Reality for Crash Reconstruction (FARO 2015)

## **FORMAL EDUCATION**

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Bachelor of Arts in Criminology with a minor in Political Science - Northern Illinois University (1998)

## **PUBLISHED ARTICLES**

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“Deciphering the NHTSA Event Data Recorder Ruling” - National Society of Professional Insurance Investigators (NSPII) – National Newsletter, Fall 2008.

“Ten Common Questions About Event Data Recorders” - National Society of Professional Insurance Investigators (NSPII) – National Newsletter, Fall 2008.

“The Frye Standard: Determining the Admissibility of Event Data Recorders for Traffic Accident Reconstruction in Illinois” - National Society of Professional Insurance Investigators (NSPII) – National Newsletter, Spring 2009.

“Event Data Recorders: Proper Evidence Collection in Criminal, Insurance and Tort Liability Investigations” - National Society of Professional Insurance Investigators (NSPII) – National Newsletter, Spring 2012.

“Hyundai and Kia Crash Data: A Preliminary Review” Collision Magazine - Volume 8 Issue 1, 2013.

“Hyundai and Kia Crash Data: The Indispensable Compendium” Collision Magazine - Volume 8 Issue 2, 2013.