

CURRICULUM VITAE OF NICHOLAS M. FUNK

Collision Analytics LLC
Associate Reconstructionist/Technician
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SUMMARY

Nicholas M. Funk is an ACTAR-Accredited Traffic Crash Reconstructionist specializing in the investigation and reconstruction of motor vehicle crashes. He has completed more than 1,000 hours of formal crash investigation and reconstruction training and has been an Illinois Certified Crash Reconstruction Specialist since 2009. Mr. Funk serves as an adjunct instructor with the Northwestern University Center for Public Safety, where he instructs crash investigation and reconstruction courses. Prior to departing law enforcement in January 2026, Mr. Funk served as a full-time Sergeant with the Boone County Sheriff's Office in northern Illinois. During his tenure, he was assigned to the Sheriff's Office Crash Investigation Team, which was responsible for the investigation of all major injury and fatal motor vehicle crashes. Mr. Funk is a certified Crash Data Retrieval Technician and Analyst and routinely utilized event data recorder evidence as part of his investigative work. In addition, he has served as a part-time Safety Officer for a local trucking company, maintaining driver qualification files and overseeing safety and regulatory compliance documentation.

PROFESSIONAL CERTIFICATIONS

ACTAR Accredited Traffic Crash Reconstructionist #3057

SINCE 2016 - Accreditation Commission for Traffic Accident Reconstruction

Crash Reconstruction Specialist #PCB09480

SINCE 2009 - Illinois Law Enforcement Training & Standards Board

Lead Homicide Investigator #22-0102682

SINCE 2018 - Illinois Law Enforcement Training & Standards Board

Graduate of Northwestern University's Center for Public Safety

SINCE 2008 - Crash Investigation & Reconstruction Program

Truck Enforcement Officer & Portable Scale Use

SINCE 2011 - Illinois Law Enforcement Training & Standards Board

Breath Alcohol Operator & Preliminary Breath Test Examiner

SINCE 2008 - State of Illinois Department of State Police

Certified Illinois Law Enforcement Patrol Officer

SINCE 2007 - Illinois Law Enforcement Training & Standards Board

Certified Illinois Correctional Officer

SINCE 2006 - Illinois Law Enforcement Training & Standards Board

EMPLOYMENT HISTORY

01/2020 to Present **Collision Analytics LLC** – Associate Reconstructionist

Collision Analytics LLC is a crash investigation and reconstruction company that provides expert consultation, analysis, and testimony to attorneys and insurers throughout the Midwestern United States.

05/2019 to Present **Northwestern University Center for Safety** – Adjunct Instructor

The Center for Public Safety specializes in the instruction of crash investigation and crash reconstruction topics throughout the United States and abroad. Classroom instruction, hands-on field testing and inspections of vehicles and vehicle components, and case studies are a few of the methods used to ensure students develop the knowledge to conduct investigations and reconstructions. Nicholas is currently participating in developing the curriculum for the Crash Investigation 1 and 2 courses. Classes instructed by Nicholas include:

- Traffic Crash Investigation 1 – Classroom
- Traffic Crash Investigation 2 – Classroom
- Vehicle Dynamics – Classroom & Online Learning
- Traffic Crash Reconstruction 1 – Classroom & Online Learning
- Traffic Crash Reconstruction 2 – Classroom & Online Learning
- Traffic Crash Reconstruction Refresher Course
- Crash Data Retrieval System Operators Course
- Pedestrian & Bicycle Crash Reconstruction
- Heavy Vehicle Forensic Inspection Course

02/2007 to 01/2026 **Boone County (IL) Sheriff's Police** – Sergeant

Nicholas led a crash investigation team of 3 reconstructionists and 3 crash investigators responsible for the investigation of all traffic-related fatalities and major injury crashes within Boone County. Since the completion of his training, he has worked to improve the crash investigation and reconstruction process at Boone County Sheriff's Office. Nicholas has served as the lead investigator for over 50 personal injuries and/or fatality crashes in Boone County and surrounding agencies. He has investigated over 75 personal injury or fatality traffic crashes involving over 150 persons and over 100 vehicles (including passenger vehicles, light trucks, motorcycles, heavy trucks, utility vehicles, and farming implements). Nicholas holds several other roles/responsibilities in the Boone County Sheriff's Office, including:

- Crash investigation and reconstruction
- Field training officer
- Defensive tactics instructor
- Truck weight enforcement
- Drone pilot
- Union steward
- FOP Lodge President

05/2015 to Present **Gallano Trucking Inc.** – Safety and Compliance Officer

Gallano Trucking Inc. is a family-owned and operated trucking company specializing in flatbed and oversized loads. Safety is of the utmost importance to the trucking industry, and Gallano Trucking strives to maintain these standards. Nicholas is responsible for maintaining safety records, including driver qualification files, drug and alcohol compliance, training records, and monitoring of daily driver logs.

EXPERT TESTIMONY

Expertise in Traffic Crash Reconstruction

Boone County, Illinois: May 2016, July 2019, July 2024, and August 2025
St. Clair County, Illinois: November 2022
Winnebago County, Illinois: May 2023
Phillips County, Arkansas: October 2023
Cook County, Illinois: January 2024
Elkhart County, Indiana: June 2025
Lake County, Indiana: June 2025

LICENSES

Illinois Department of Professional Regulation

Permanent Employee Registration 129.337173 (SINCE 2022)

Illinois Driver's License

Class A-CDL Permit (2024-PRESENT) - Class D (SINCE 1996)

Federal Aviation Administration

Small Unmanned Aircraft System (SINCE 2018)

PROFESSIONAL ASSOCIATIONS

July 2022	California Association of Accident Reconstruction Specialists
February 2022	National Association of Professional Accident Reconstruction Specialists
July 2015	Illinois Association of Technical Accident Investigators
July 2016	Illinois Truck Enforcement Association

AWARDS & COMMENDATIONS

January 2024	Fricke Cooper Achievement Award – Northwestern University Center for Public Safety
June 2022	Volunteer of the Year Award – Veterans Assistance Commission of Boone County
January 2020	Glenn Strebler Award – Illinois Truck Enforcement Association
April 2017	Life Saving Award – Boone County Sheriff
January 2017	Meritorious Award – Boone County Sheriff
June 2010	Achievement Award – Boone County Sheriff
May 2010	Certificate of Appreciation – Boone County Sheriff

CONTINUING EDUCATION – CRASH INVESTIGATION & RECONSTRUCTION

November 2025	Midwest Traffic Safety Conference – 24 Hours – Midwest Center for Traffic Safety – Itasca, IL
November 2024	Midwest Traffic Safety Conference – 16 Hours – Midwest Center for Traffic Safety – Itasca, IL
October 2024	Event Data Recorder Use in Traffic Crash Reconstruction – Level 1 – 40 hours – Institute for Police Technology and Management, Online
August 2024	Basic Truck Enforcement & Portable Scale Certification – 40 Hours – Illinois Truck Enforcement Association – West Chicago, IL
November 2023	Midwest Impaired Driving Conference – 16 hours – Midwest Center for Traffic Safety – Itasca, IL
June 2023	Zero to Hero in Cloud Compare – 8 hours – ai2-3d/Cloud Compare, Zoom
April 2023	World Reconstruction Exposition 2023 – 5 Days – Orlando, FL
November 2022	Midwest Impaired Driving Conference – 16 hours – Illinois Truck Enforcement Association
August 2022	vCRASH Environments – 16 Hours – Virtual Crash Software, Online
August 2022	vCRASH Simulation Basics – 16 Hours – Virtual Crash Software, Online
August 2022	vCRASH Interface – 16 hours – Virtual Crash Software, Online
April 2022	Heavy Vehicle Forensic Inspection for Crash Investigators – 40 hours – Northwestern University Center for Public Safety, Rockford, IL
September 2021	Illinois Association of Technical Accident Investigators Conference – 3 Days –Springfield, IL
September 2021	Advanced EDR Technician Tactics and Problem Solving – 2 Days –Kent Boots and Associates – Springfield, IL
March 2021	CDR Analysis and Application – 32 Hours – Northwestern University Center for Public Safety, Lake Zurich, IL
December 2020	Advanced Reconstruction with CDR Applications – 40 Hours – Northwestern University Center for Public Safety, Woodstock, IL
January 2020	Breath Alcohol Operator Refresher – Illinois State Police, Web-based training
April 2019	Tire Forensics & Fleet Technician Clinic – 16 Hours – Tennent & Associates, Lockport, IL
March 2019	Investigating Insurance Fraud and Staged Vehicle Crashes – 16 Hours – National Insurance Crime Bureau, Woodstock, IL
February 2019	Traffic Crash Reconstruction 3 – 40 Hours – Northwestern University Center for Public Safety, Evanston, IL
October 2019	Illinois Association of Technical Accident Investigators Conference – 3 Days –Springfield, IL
May 2019	Advanced Crash Reconstruction Utilizing Human Factors Research – 40 Hours – Northwestern University Center for Public Safety, Evanston, I
October 2018	Lead Homicide Investigator – 40 hours – Northern Illinois Training Advisory Board & Wicklander –Zulawski & Associate Inc., Rockford, IL
October 2017	Illinois Association of Technical Accident Investigators Conference – 3 Days –Springfield, IL

Continuing Education (continued)

May 2017	ITPM Symposium of Traffic Safety – 36 hours – Institute for Police Technology and Management, Orlando, FL
September 2016	Illinois Association of Technical Accident Investigators Conference – 3 Days –East Peoria, IL
April 2016	World Reconstruction Exposition 2016 – 5 Days – Orlando, FL
September 2015	Illinois Association of Technical Accident Investigators Conference – 3 Days – East Peoria, IL
September 2015	Vericom Familiarization for Crash Reconstruction – 24 Hours – Vericom Computers, East Peoria, IL
April 2015	Crash Data Retrieval Data Analyst – 40 Hours – Northwestern University Center for Public Safety, Evanston, IL
April 2015	Crash Data Retrieval Technician – 16 Hours – Northwestern University Center for Public Safety, Evanston, IL
April 2015	Breath Alcohol Operator – Illinois State Police, Web-based training
May 2014	Pedestrian & Bicycle Crash Reconstruction – 40 Hours – Northwestern University Center for Public Safety, Evanston, IL
May 2013	Heavy Vehicle Crash Reconstruction – 40 Hours – Northwestern University Center for Public Safety, Evanston, IL
April 2013	Basic Truck Enforcement – 8 hours – Northeast Multi-Regional Training & Illinois Truck Enforcement Association, Glen Ellen, IL
February 2012	Lead Homicide Investigator – 40 hours – Northern Illinois Training Advisory Board & Illinois State Police, Rockford, IL
June 2011	Commercial Vehicle Safety Inspection – 40 Hours – Northeast Multi-Regional Training, Roselle, IL
April 2011	Basic Truck Enforcement & Portable Scale Certification – 40 Hours – Northeast Multi-Regional Training, Niles, IL
January 2010	Interview and Interrogation – 40 hours – Northern Illinois Training Advisory Board, WZ and Reed methods, Dekalb, IL
November 2008	Traffic Crash Reconstruction II – 40 Hours – Northwestern University Center for Public Safety, Evanston, IL
October 2008	Traffic Crash Reconstruction I – 80 Hours – Northwestern University Center for Public Safety, Evanston, IL
October 2008	Vehicle Dynamics – 40 Hours – Northwestern University Center for Public Safety, Evanston, IL
September 2008	Accident Investigation II – Online: 80 Hours – Northwestern University Center for Public Safety, Evanston, IL
September 2008	Accident Investigation I – 80 Hours – Northwestern University Center for Public Safety, Evanston, IL
June 2008	Physical Encounter Control Tactics Instructor – 40 hours – Northern Illinois Training Advisory Board, Rockford, IL
April 2008	Breath Alcohol Operator – 3 days – Northern Illinois Training Advisory Board & Illinois State Police, Rockford, IL

CONTINUING EDUCATION – COMMERCIAL MOTOR VEHICLES

August 2024	Basic Truck Enforcement & Portable Scale Certification – 40 Hours – Illinois Truck Enforcement Association – West Chicago, IL
April 2022	Heavy Vehicle Forensic Inspection for Crash Investigators – 40 hours – Northwestern University Center for Public Safety, Rockford, IL
May 2021	ITA Annual Safety Conference – 16 hours – Illinois Trucking Association, Bloomington, IL
March 2021	ITEA Annual Truck Conference – 8 Hours – Illinois Truck Enforcement Association, Naperville, IL
March 2020	ITEA Annual Truck Conference – 8 Hours – Illinois Truck Enforcement Association, Naperville, IL
September 2018	TMHA Fall Conference – 16 hours – The Machinery Haulers Association, Lake Geneva, WI
May 2018	ITA Annual Safety Conference – 16 hours – Illinois Trucking Association, Champaign, IL
March 2018	ITEA Annual Truck Conference – 8 Hours – Illinois Truck Enforcement Association, Naperville, IL
September 2017	TMHA Fall Conference – 16 hours – The Machinery Haulers Association, Lake Geneva, WI
May 2017	ITA Annual Safety Conference – 16 hours – Illinois Trucking Association, Champaign, IL
March 2017	ITEA Annual Truck Conference – 8 Hours – Illinois Truck Enforcement Association, Naperville, IL
May 2016	ITA Annual Safety Conference – 16 hours – Illinois Trucking Association, Champaign, IL
March 2016	ITEA Annual Truck Conference – 8 Hours – Illinois Truck Enforcement Association, Naperville, IL
January 2015	ITEA Annual Truck Conference – 8 Hours – Illinois Truck Enforcement Association, Glen Ellyn, IL
May 2013	Heavy Vehicle Crash Reconstruction – 40 Hours – Northwestern University Center for Public Safety, Evanston, IL
April 2013	Basic Truck Enforcement – 8 hours – North East Multi-Regional Training & Illinois Truck Enforcement Association, Glen Ellen, IL
June 2011	Commercial Vehicle Safety Inspection – 40 Hours – North East Multi-Regional Training, Roselle, IL
April 2011	Basic Truck Enforcement & Portable Scale Certification – 40 Hours – North East Multi-Regional Training, Niles, IL

CONTINUING EDUCATION – LAW ENFORCEMENT PATROL FUNCTIONS

August 2023	Active Shooter Instructor Certification – 40 hours – National Tactical Officers Association – Racine, WI
May 2023	Supervising Patrol Critical Incidents – 16 hours – National Tactical Officers Association – Milwaukee, WI
November 2021	F2 Training Systems Instructor – 40 hours – Northern Illinois Training Board – F2 Systems, Rockford, IL

Continuing Education (continued)

November 2019	DUI Summit – 16 Hours – Illinois Truck Enforcement Association, Naperville, IL
Feb-May 2007	Basic Patrol Officer Training – 480 Hours – University of Illinois Police Training Institute, Champaign, IL
Feb-Mar 2006	Basic Correctional Officer Training – 200 Hours – University of Illinois Police Training Institute, Sangamon County Jail, Springfield, IL

PRESENTATIONS

2012 - PRESENT	Boone County Sheriff's Office – During his tenure, Nicholas has provided educational presentations to commercial trucking companies on the following topics:
	<ul style="list-style-type: none">• Commercial Driver's License Policy• CDL licensing laws• Vehicle Registration laws• Violations of CDL licenses• Safe driving habits• Vehicle weight and dimension laws• FMCSA violations on Safety rating