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# CURRICULUM VITAE OF NICHOLAS M. FUNK

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Collision Analytics LLC  
Associate Reconstructionist/Technician  
[Nicholas@CollisionAnalyticsLLC.com](mailto:Nicholas@CollisionAnalyticsLLC.com)  
815-708-4926



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## SUMMARY

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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.

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## PROFESSIONAL CERTIFICATIONS

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[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

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### 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.

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## EXPERT TESTIMONY

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### 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

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## LICENSES

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### Illinois Department of Professional Regulation

Permanent Employee Registration 129.337173 (SINCE 2022)

### Illinois Driver's License

Class A-CDL Permit (2024-2025) - Class D (SINCE 1996)

### Federal Aviation Administration

Small Unmanned Aircraft System (SINCE 2018)

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## PROFESSIONAL ASSOCIATIONS

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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

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## AWARDS & COMMENDATIONS

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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 Strebel 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

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

### Continuing Education (continued)

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

## CONTINUING EDUCATION – COMMERCIAL MOTOR VEHICLES

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

## CONTINUING EDUCATION – LAW ENFORCEMENT PATROL FUNCTIONS

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August 2023	<a href="#">Active Shooter Instructor Certification</a> – 40 hours – National Tactical Officers Association – Racine, WI
May 2023	<a href="#">Supervising Patrol Critical Incidents</a> – 16 hours – National Tactical Officers Association – Milwaukee, WI

### Continuing Education (continued)

- November 2021 [F2 Training Systems Instructor](#) – 40 hours – Northern Illinois Training Board – F2 Systems, Rockford, IL
- 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

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- 2012 - PRESENT [Boone County Sheriff's Office](#)– During his tenure, Nicholas has provided educational presentations to commercial trucking companies on the following topics:
- 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