
CURRICULUM VITAE OF NICHOLAS M. FUNK

Associate Reconstructionist/Technician
Collision Analytics LLC
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815-260-3721

Sergeant
Boone County Sheriff's Office
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SUMMARY

Nicholas M. Funk is an ACTAR Accredited Traffic Crash Reconstructionist that specializes in the investigation and reconstruction of motor vehicle crashes. Nicholas has had more than 1000 hours of crash investigation and reconstruction training and has been an Illinois Certified Crash Reconstruction Specialist since 2009. Nicholas is currently a full-time Sergeant at the Boone County Sheriff's Office in Northern Illinois. He is also an adjunct instructor with the Northwestern University Center for Public Safety, instructing crash investigation and reconstruction courses. Nicholas is currently assigned to the Boone County Sheriff's Office's Crash Investigation team which is responsible for all major injury and fatality crash investigations. Nicholas is a Crash Data Retrieval Technician and Analyst and regularly utilizes Event Data Recorders within investigations. Nicholas is a part-time Safety Officer for a local trucking company where he maintains driver files and other safety and compliance paperwork.

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

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/Technician

Collision Analytics LLC serves as a complete crash investigation and reconstruction company providing expert consultation, analysis, and testimony for attorneys and insurers throughout the Midwestern United States.

02/2007 to Present

Boone County Sheriff's Police – Sergeant

Nicholas leads a crash investigation team of 4 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

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 the development of 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
- Crash Data Retrieval System Operators Course

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 the utmost of 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 (IL) 17th Judicial Circuit: May 2016 and July 2019

LICENSES

Illinois Department of Professional Regulation
Permanent Employee Registration 129.337173 (SINCE 2022)

Illinois Driver's License
Class A-CDL Permit (2019-2020) - Class D (SINCE 1996)

Federal Aviation Administration
Small Unmanned Aircraft System (SINCE 2018)

PROFESSIONAL ASSOCIATIONS

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

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

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

Continuing Education (continued)

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, IL
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
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

Continuing Education (continued)

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
April 2008	Breath Alcohol Operator – 3 days – Northern Illinois Training Advisory Board & Illinois State Police, Rockford, IL

CONTINUING EDUCATION – COMMERCIAL MOTOR VEHICLES

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

Continuing Education (continued)

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

November 2019	DUI Summit – 16 Hours – Illinois Truck Enforcement Association, Naperville, IL
February- May 2007	Basic Patrol Officer Training – 480 Hours – University of Illinois Police Training Institute, Champaign, IL
February- March 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 on CDL licenses• Safe driving habits• Vehicle weight laws• FMCSA violations on Safety rating
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