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**MIKE LORENCE**  
**855 Krpan Dr.**  
**Sycamore IL, 60178**

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**EDUCATION**

- 2012 Associate of Applied Science, Paramedic, Kishwaukee College, Malta, IL
- 2002 Certificate, Automotive Technology, Kishwaukee College, Malta, IL
- 2000 Graduate, Sycamore High School, Sycamore, IL

**SEMINARS AND ADVANCED TRAINING**

- 2021
- \* IL-IAAI 38<sup>th</sup> Annual Training Conference – Peoria, IL
  - \* Digital Photography and the Fire Investigator – CFITrainer.net
  - \* Electric & Hybrid Vehicle Fires – CFITrainer.net
  - \* Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems – Refresher – CFITrainer.net
- 2020
- \* Certified Fire Investigator - International Association of Arson Investigators
  - \* 2021 NFPA 921 Chapter 6 - Fire Patterns, CFITrainer.net
  - \* Recertified, Fire Investigator, Illinois Office of State Fire Marshal
  - \* Principles of Fire Investigation Certificate – CFITrainer.net
  - \* Arc Mapping Basics, CFITrainer.net
  - \* How First Responders Impact the Fire Investigation, CFITrainer.net
  - \* Residential Natural Gas Systems, CFITrainer.net
  - \* Explosion Dynamics, CFITrainer.net
  - \* Writing the Initial Origin and Cause Report, CFITrainer.net
  - \* Effective Investigation and Testimony, CFITrainer.net
  - \* Insurance and the Fire Investigation, CFITrainer.net
  - \* Investigating Fire and Explosion Incidents Involving a Line-Of-Duty Death, CFITrainer.net
  - \* The Deposition Part 2: Questioning Tactics and Effective Responses, CFITrainer.net
  - \* Critical Thinking Solves Cases, CFITrainer.net
  - \* Legal Aspects of Investigating Youth-Set Fires, CFITrainer.net
  - \* Charleston Sofa Super Store Fire, CFITrainer.net
  - \* Communicating the Value of Membership in the IAAI, CFITrainer.net
  - \* Fire Protection Systems, CFITrainer.net

- 2019
- \* Investigation of Gas and Electric Appliance Fires, Fire Findings Laboratories, Benton Harbor, MI
  - \* IL-IAAI 36<sup>th</sup> Annual Training Conference, Champaign, IL
  - \* Expert Witness Testimony Class, IAAI, Addison, IL
  - \* An Analysis of The Station Nightclub Fire, CFITrainer.net
  - \* Charting Your Career Path In Fire Investigation, CFITrainer.net
  - \* Critical Evaluation and Testing of Commonly Reported Accidental Causes, CFITrainer.net
  - \* Discovery in Civil Cases, CFITrainer.net
  - \* Discovery in Criminal Cases, CFITrainer.net
  - \* Ethical Duties Beyond the Fire Scene, CFITrainer.net
  - \* Ethics & Social Media, CFITrainer.net
  - \* Fire Chemistry, CFITrainer.net
  - \* Fire Flow Analysis, CFITrainer.net
  - \* Fire Investigation for Fire Officers, CFITrainer.net
  - \* Introduction to Fire Dynamics and Modeling, CFITrainer.net
  - \* Introduction to Youth-Set Fires, CFITrainer.net
  - \* Investigating Natural Gas Systems, CFITrainer.net
  - \* Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, CFITrainer.net
  - \* Process of Elimination, CFITrainer.net
  - \* The Deposition Part 1: Format, Content, and Preparation, CFITrainer.net
  - \* Understanding the Fire Investigator's Job: A Guide for Non-Investigators, CFITrainer.net
  - \* Understanding Undetermined, CFITrainer.net
  - \* What the Insurance Professional Needs to Know About Fire Investigation, CFITrainer.net
- 2018
- \* Terrance Hoyle Northern Zone Training Conference, IL-IAAI, Addison, IL
  - \* Fire Investigator Scene Safety, CFITrainer.net
  - \* Fundamentals of Interviewing, CFITrainer.net
  - \* Fundamentals of Residential Building Construction, CFITrainer.net
  - \* 27<sup>th</sup> Annual Fire Investigators Conference – Central Illinois Fire Investigators Association, Peoria, Illinois
  - \* NFPA 1033 Professional Qualifications for Fire Investigator – Skills Test and Critical Tasks for Job Performance Requirements – Evaluator: Steve Riggs, PATC, Peoria, Illinois
  - \* Evidence Examination: What Happens at the Lab?, CFITrainer.net
  - \* Physical Evidence at the Fire Scene, CFITrainer.net
  - \* Will-Cook-Grundy Fire Investigators Task Force Annual Fire Investigation Conference, Tinley Park, IL

- 2017
- \* DNA, CFITrainer.net
  - \* Motor Vehicles: the Engine, Ignition, Electrical and Fuel Systems, CFITrainer.net
  - \* Certified Vehicle Fire Investigator, National Association of Fire Investigators
  - \* Master Automotive Technician, National Institute for Automotive Service Excellence
  - \* Fire Investigator Technician, International Association of Arson Investigators
  - \* Terrance Hoyle Northern Zone Seminar, Burlington, IL
  - \* Will-Cook-Grundy Fire Investigation Task Force Annual Fire Investigation Conference, Tinley Park, IL
  - \* Accreditation, Certification and Certificates, CFITrainer.net
  - \* Thermometry, Heat and Heat Transfer, CFITrainer.net
  - \* Introduction to Evidence, CFITrainer.net
- 2016
- \* Postflashover Fires, CFITrainer.net
  - \* Illinois Chapter, IAAI Annual Training Conference, Champaign, IL
  - \* Documenting the Event, CFITrainer.net
  - \* The Scientific Method for Fire and Explosion Investigation, CFITrainer.net
  - \* NFPA 1033 and Your Career, CFITrainer.net
  - \* The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, CFITrainer.net
  - \* Ethics and the Fire Investigator, CFITrainer, net
  - \* Investigating Motor Vehicle Fires, CFITrainer, net
  - \* Residential Electrical Systems, CFITrainer.net
  - \* Basic Electricity, CFITrainer.net
- 2015
- \* Fire Investigation Modules, IFSI, Champaign, IL

### **PROFESSIONAL MEMBERSHIPS**

International Association of Arson Investigators  
 Illinois Chapter, International Association of Arson Investigators  
 National Association of Fire Investigators  
 International Association of Firefighters  
 Associated Firefighters of Illinois

## **CERTIFICATIONS**

### Office of IL State Fire Marshal

Firefighter II, Advanced Technician Firefighter, Fire Investigator, Hazardous Materials Awareness, Hazardous Materials Operations, Instructor I, Technical Rescue Awareness, Fire Apparatus Engineer, Water Operations, Rope Technician, Structural Collapse Technician, Confined Space Technician, Trench Rescue Technician, Youth Fire Setter Intervention Specialist, Advanced Technician Firefighter

### Illinois Department of Public Health

EMT-Paramedic

### International Association of Arson Investigators (IAAI)

Fire Investigator Technician (FIT) – 2017  
Certified Fire Investigator (CFI) – 2020

### National Association of Fire Investigators (NAFI)

Certified Vehicle Fire Investigator (CVFI) – 2017  
Certified Fire and Explosion Investigator (CFEI) – 2016

## **FIRE SERVICE/INVESTIGATION EXPERIENCE**

5/2016 – 2/2022	FireTech, Inc.
5/2014 – Present	Lisle-Woodridge Fire Protection District Fire Investigator 11/2015 - Present Firefighter/Paramedic 5/2014 – Present