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**Ryan C. Morse** | Fire and Evidence Technician, NAFI-CFEI, IAAI-FIT

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### Professional Summary:

Mr. Morse is a graduate of Eastern Kentucky University where he earned dual Bachelor of Science degrees in Fire, Arson & Explosion Investigation and Fire Protection Administration. He also received minors in Fire Protection & Safety Engineering Technology as well as Industrial Fire Protection. In his time at Eastern Kentucky University, Mr. Morse assisted with testing, research, and demonstrations of fire behavior and fire protection. Additionally, he has worked as a Fire Extinguisher Technician, maintaining, servicing, and ensuring compliance of portable fire extinguishers with applicable codes and standards. Mr. Morse has been in the fire service for over seven years, involved with both rural and suburban fire departments. Mr. Morse served as a fire investigative intern in the insurance industry prior to his current employment with EFI Global.

### Licenses and Certifications:

NAFI-CFEI, #26092-15093

IAAI-FIT

FAA Remote Pilot (Small UAS), #4531372

Fire Fighter II, Pennsylvania Office of the State Fire Commissioner, IFSAC #2901500, ProBoard #15592

Fire Fighter I, Pennsylvania Office of the State Fire Commissioner, IFSAC & ProBoard, #2472345

PA DOH Emergency Medical Responder, #302924

PA DOH Special Vehicle Rescue Technician, # 303489

PA DOH Basic Vehicle Rescue Technician, #302924

PA DOT Class A CDL

### Professional Experience:

EFI Global, Zelienople, PA, Fire & Evidence Technician, September 2022 – Present

Travelers Indemnity Company, Fire Investigative Intern, 2021 Summer

Eastern Kentucky University, Fire & Safety Extinguisher Technician, 2018 – 2020

### Specialized Education:

Science of Fire and Explosion Hazards from Lithium-Ion Batteries, UL FSRI, 2023

Radiation Safety Training, Nuclear Education Online, 2023

Asbestos Awareness Training, EFI Global Continuing Education Program, 2022

Hazardous Materials Operations Refresher J&B, BC3 & PA State Fire Academy/ B. Melcer, 2022

Lithium-Ion Battery Fires, DCARI/ M. Abraham, 2022

Fire Service Considerations with Lithium-Ion Battery ESS, UL FSRI, 2022  
Process For Origin Determination, PAAI/ S. Avato, 2022  
Evaluating Electrical Energy as an Ignition Source, PAAI/ M. Keller, 2022  
Hypothesis Development in Fire Investigations, PAAI/ Dr. G. Gorbett, 2022  
Internet of Things (IOT), DCARI/ Dr. D. Dodsworth, 2022  
Forensic Anthropology and Fire Investigations, DCARI/ Dr. C. Soto, 2022  
Clandestine Lab Awareness, Bucks County Community College, 2022  
Death Scene Management, Sharon Regional Medical Center/ J. Libonati, 2022  
FI-110 Wildland Fire Observations and Origin Scene Protection, NWCG/ PA DCNR, 2021  
Linear Heat Detection and Use In Modern Applications, SFPE, 2021  
Advanced Structural Burn Session, ButlerC3/ M. Stowe, 2021  
Motor Vehicle Fire Investigation-3 Day, IAAI, 2021  
Fire Patterns Post Flashover, DCARI, 2021  
Receptacle Fires, DCARI/ C. Novak, 2021  
Fire Alarm Control Panels, DCARI/ J. Lord, 2021  
Timeline Analysis, DCARI, 2020  
Fire Dynamics, DCARI/ C. Giblin, 2020  
Wildland Fire Investigations, DCARI/ R. Sheffer, 2020  
Arson Detection for First Responder, ButlerC3 & PA State Fire Academy/ J. Wallace, 2019  
259 earned credit hours through IAAI CFITrainer.net 2018-2022  
Hazardous Materials Operations Refresher J&B, BC3 & PA State Fire Academy/ B. Melcer, 2017  
Fire Dynamics: Strategy & Tactics, Bucks County Community College, 2016  
Fire Dynamics: Fundamentals, Bucks County Community College, 2016

### Education:

Bachelor of Science, Fire, Arson & Explosion Investigation, Eastern Kentucky University, Richmond, KY, 2021

Bachelor of Science, Fire Protection Administration, Eastern Kentucky University, Richmond, KY, 2021

Minors of: Fire Protection & Safety Engineering Technology and Industrial Fire Protection

### Affiliations:

International Association of Arson Investigators (IAAI)  
National Association of Fire Investigators (NAFI)  
Society of Fire Protection Engineers (SFPE)  
Pennsylvania Association of Arson Investigators (PAAI)

### Honors and Awards:

Summa cum laude, Eastern Kentucky University, December 03, 2021