

Nathan Bonnette

IAAI-CFI, CFEI

Senior Technologist



Mr. Nathan Bonnette is a Senior Technologist at ESI, in our Houston, TX office, where he serves as a field technician and team lead. Mr. Bonnette is highly skilled in field data collection using drones, laser scanners, and multiple camera types to gather data in support of ESI's projects. Due to Mr. Bonnette's wide background, he can support multiple engineering practices including Fire and Explosion, Auto, Railroad, Electrical, and Materials. Prior to joining ESI in 2021, he worked for 8 years in the propane industry. His duties included bobtail delivery, service and installation, and DOT cylinder filling. Mr. Bonnette also has an extensive construction knowledge of metal fabrication and structural building, having worked in the construction industry for 20+ years.

Education

Lonestar Community College, 2000-2001

Licenses & Certifications

- International Association of Arson Investigators (IAAI) – Certified Fire Investigation Technician
- National Association of Fire Investigators (NAFI) – Certified Fire & Explosion Investigator
- TWIC Card
- HAZWOPER 40
- eRailSafe – Contractor Certification
- FARO - FARO Focus 3D Scanner Certification
- Federal Aviation Administration (FAA) – FAA Part 107 Certified Pilot with Site Survey and 3D Mapping
- Drone U – Certified Mapping and Surveying
- Texas Railroad Commission – DOT Cylinder Filling Certification
- Texas Railroad Commission – Service and Installation Certification
- Texas Department of Transportation – Class B CDL License

Contact Information

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ESi Houston

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Conroe, TX 77385

Areas of Specialization

- Aerial Surveying and Photogrammetry
- Drone Data Science
- FARO Laser Scanning
- General Construction Best Practices
- General Construction Materials and Application
- Heavy Equipment Operations
- Inspection Services
- Lab & Industrial Services
- Low Voltage Cabling
- Plumbing
- Propane Systems Service and Installation
- Telephony

Positions Held

Engineering Systems Inc., Houston, Texas

- Senior Technologist, 2021 – Present

Buster Brown Propane, New Caney, Texas

- Assistant Office Manager, 2017 – 2020
- Field Manager and Senior Install Technician, 2012-2015, 2017-2020

Humble Hyundai, Humble, Texas

- Parts Salesperson, 2016 – 2017

ICF Communications, Houston, Texas

- Physical Network and Telephony Systems Manager, 2005 – 2010

Norman Bonnette Construction Company, Spring, Texas

- Construction Apprentice / Assistant, 2000 – Present

Continuing Education

- **Fundamentals of Fire Investigation** – IAAI, Huntsville, AL, November 14-18, 2022
- **Fire Investigation Training Program** – NAFI, Boston, MA, February 21-24, 2022

Professional Affiliations/Honors

International Association of Arson Investigators (IAAI)

- Member, 2022

National Association of Fire Investigators (NAFI)

- Member, 2021