

Bishop Forensic Engineering, LLC

Garrett A. Wilkerson

Project Engineer, CFEI

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662-357-8864

Education:

Graduate of the University of Memphis, Tennessee,
Bachelor of Science in Electrical Engineering,
Magna Cum Laude, December 2022

Employment:

- Bishop Forensic Engineering, LLC
 - Project Electrical Engineer, Full Time (40+ Hours / Week),
January 2023 – Present
 - Engineering Technician, Part Time, March 2018 – January
2023

Responsibilities include the evaluation of failures and malfunctions of electrical systems resulting in loss or injury. These include appliances, vehicles, low and high voltage systems, electric distribution equipment, residential, commercial and industrial wiring systems, communication systems, generators, motors, motor controls, and HVAC equipment.

Electrical fire cause evaluations include the following: residential, commercial, industrial, marina, personal vehicle, commercial vehicle, and recreational vehicle fires.

Evaluations of lightning strike protection systems and lightning strike evaluations are also performed.

Other job responsibilities include:

- Radiographic (X-ray) imaging of objects to aid in engineering examinations
- Smart Primary Injection (SPI) Testing of circuit breakers

- Drone photography of loss structures and electrical utility systems

Certifications:

- Principles and Practice of Engineering (PE) Exam passed in October of 2024
- Fundamentals of Engineering (FE) Exam passed in November of 2022
- Certified Fire and Explosion Investigator (CFEI) – National Association of Fire Investigators, February of 2023
- Remote Pilot, Small Unmanned Aircraft System – Federal Aviation Administration (FAA), Certificate #4907622

Professional Organizations:

- Institute of Electrical and Electronics Engineers (IEEE) – Membership # 101153676
- National Association of Fire Investigators (NAFI) - Membership # 27731-16014
- National Fire Protection Agency (NFPA) - Membership # 1113595797