



Triax Technologies, Inc. develops technology devices for construction site connectivity to improve the safety of workers and keep productivity moving forward. Our Spot-r wearable and sensor technology platform provides total jobsite visibility, identifying worker and equipment location, utilization and interaction, while keeping users informed of safety incidents as they occur, resulting in faster response to injuries, improved safety performance and risk mitigation, and increased efficiency. We are committed to delivering the first truly connected jobsite, partnering with dedicated industry leaders, solution providers and experts to enable real-time, data-driven project, workforce, equipment and safety management. Founded in 2012, Triax offers employees a unique, fast-paced, creative, and independent work environment. Named a Best Place to Work in Connecticut in 2019 by the Hartford Business Journal, we are dedicated to constant innovation and collaboration, and are looking for like-minded individuals to join our team.

Triax is seeking an experienced Embedded Software Engineer to work with the team on our custom-built hardware, both enhancing our current products as well as developing new ones. Responsibilities include collaborating on requirements, developing specifications, implementing and testing firmware, and execution of firmware release processes. This is a full-time position based in East Hartford, CT.

#### **Responsibilities**

- Develop firmware using C, C++, and TI-RTOS
- Test firmware changes in simulated and actual environments
- Review and manage defects using JIRA
- Participate in high-level architecture and design meetings
- Decompose top-level requirements into detailed requirements and design

#### **Required Qualifications**

- Bachelor's degree in Computer Science, Computer Engineering, Electrical Engineering or equivalent experience
- Self-starter who is achievement-oriented, flexible and a team player
- Minimum of 3 years of experience developing embedded software
- Understanding of software development methodologies and design patterns
- Creative problem-solver with ability to design, implement, and troubleshoot
- Experience with wireless communication protocols
- Experience integrating embedded software with internet-based services
- Ability to read and understand schematics, component data sheets and other hardware documentation
- Experience with logic analyzers, oscilloscopes, emulators and other test equipment
- Knowledge of Python or other high level scripting languages
- Understanding of source control systems, specifically Git



- Ability to work in a fast paced environment and manage multiple projects and priorities
- Exceptional organizational, interpersonal and communications skills
- Excellent written and verbal communication skills

#### **Benefits Include**

- Comprehensive health, dental and vision insurance
- 401k Plan and Match
- Paid Maternity Leave
- Paid Paternity Leave
- Paid holidays
- Unlimited paid time off