Riptronix is looking for a customer-focused team player working in a mission-oriented environment. The candidate must be a self-starter, possess good communication skills, and interface with multiple teams throughout the design process.

We are currently seeking Embedded Software Engineers with emphasis on software/firmware architecture, design and development. The engineer will work closely with hardware and system engineers to conceptualize, document, design, code, and validate software and embedded firmware for custom applications. The ideal candidate will be adaptable, motivated, customer oriented, able to lead a small team and willing to mentor others while learning new technologies.

Qualifications:

- Must possess an ***active TS/SCI Clearance with Full-Scope Polygraph***
- Proficient with C or Rust programming language
- Analyze user requirements to derive software solutions and performance requirements.
- Debug existing software and correct defects.
- Assist with algorithms to meet or exceed system performance and functional standards.
- Draft or review software and system documentation.
- Assist with complex algorithms requiring adherence to strict timing, system resource, or interface constraints and perform quality control on team products.
- Assist with recommendations for improving documentation and software development process standards.
- Assist with developing and executing test procedures for software components.
- Assist with the modification of software to correct errors, adapt to new hardware, or to improve performance.
- Coordinate software system installation and monitor equipment functioning to ensure operational specifications are met.
- Strong oral/written communication
- May provide support for vulnerability assessments, circuit analysis and/or reverse engineering efforts
- May perform SWRE tasks as needed
- Location is onsite at Fort Meade, MD

Education/Experience:

Mid-Career: Four (4) years of software development experience and an Engineering or Computer Science Bachelor's degree. An additional four (4) years of experience may be substituted for the education requirement.

Senior: Ten (10) years of software development experience and an Engineering or Computer Science Bachelor's degree. An additional four (4) years of experience may be substituted for the education requirement.

About Us:

Riptronix LLC is a locally owned small business that specializes in delivering high-end engineering products and services to our customers. Our employees have a wide variety of engineering skills and talents in hardware, software and system engineering to solve the most challenging technical problems facing our customers. Our employees are detail-oriented, customer-focused, and enjoy working in a dynamic and productive team environment.

At Riptronix we want you to join the company for a mutually beneficial long-term employment relationship. We are looking for talented employees who appreciate opportunities to learn new things and to contribute their talents to multiple projects. We work closely with our customers to produce timely and often incremental solutions for many of our projects.

Riptronix offers a great work environment/culture with excellent compensation and benefits for our employees. Our benefits include employer paid medical, dental and vision insurance, 25 days of paid time off, 11 government holidays, excellent 401K (6% employer contribution and 9% profit sharing), and flexible work schedule and comp time policy. Riptronix is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected Veteran status.