

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

We are currently seeking a Test/Software Engineer with emphasis on software development to test and validate cryptographic products. The engineer will perform the installation, integration, and test of operational equipment/software to verify compliance with the system design, requirements, and standards. The engineer will perform in-depth security verification testing of cryptographic product designs and equipment and maintain a broad knowledge of the system. The ideal candidate will be adaptable, motivated, customer oriented, and willing to mentor others while learning new technologies.

Qualifications:

- **Must possess an active TS/SCI Clearance with Full-Scope Polygraph**
- Proficient with Python coding language
- Proficient with C coding language
- “hands-on” testing and debugging experience
- Analyze system requirements to derive tests that validate the requirements.
- Write tests using Python to test the system.
- Debug existing software and correct defects.
- Work with hardware and software engineers to define and develop systems to test cryptographic products.
- Draft or review test plans and system documentation.
- Assist with recommendations for improving documentation and 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.

Other Highly Desirable Experience:

- Embedded software development
- FPGA experience
- Knowledge of cryptographic protocols, hardware and software

Education/Experience:

Mid-Career: Four (4) years of test and/or 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 test and/or 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 on 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.