



JOB TITLE: Senior Systems/Software Engineer

TERM: Contract

SALARY: Dependent on Experience

REPORTS TO: Senior Management

POSITION OVERVIEW

Candidate to become a valuable team member by leading in the development, implementation & maintenance of innovative HW/SW systems solutions as necessary to support several new and existing projects involving public safety and security systems.

POSITION LOCATION

Patriot Technologies, LLC headquarters is located at 4400 Leisure Time Dr., Diamondhead, MS. Approximately 5 percent of time may be spent for testing/visits at offsite test/implementation location (Gulfport-Biloxi International Airport). Occasional travel involved to meet with subcontractors and customers.

POSITION REQUIREMENTS

Minimum Qualifications

- A master's degree in computer engineering or related field, with 5 years of experience in the area of specialty; or a bachelor's degree in related field and 10 years of experience in a related specialty.
- Expertise with UNIX/Linux systems (Shell Scripts, Cron Scheduler, Vi)
- Advanced knowledge of Java (Swing/AWT, Threads, Network I/O)
- Advanced knowledge of C (Serial/Network/Embedded I/O, Threads)
- Ability to acquire and maintain security clearance as required
- Embedded Systems design--development and ongoing maintenance

Desired Qualifications

- Familiarity with multiple-node, distributed processing architectures
- Familiar with the benefits of open-source and cross-platform solutions (HTML/CGI/Apache)
- Familiar with the unique challenges that an embedded target environment presents
- Strong sense of customer service (both internal & external)
- Good organizational skills
- Systems and network Administration
- Experience with web-based technologies
- Comfortable with programming in a relational database environment (SQL/MySQL/PHP)

ESSENTIAL FUNCTIONS

Systems Engineering

- Contribute to the development of system hardware and software requirements
- Lead in developing and maintaining source code (UNIX shell script, Java, C) for new and existing projects
- Research, Test & Implement new scripts, modules & applications as required
- Conduct module and application testing as required
- Evaluate products, parts, or processes for cost efficiency and reliability
- Working with management and other members of the project staff, ensures adherence to production schedules and project completion
- Produces and maintains supporting documentation for all product designs

NON-ESSENTIAL FUNCTIONS

Systems and Network Administration

- Assist in the ongoing maintenance and development of new backup solutions
- Be available to answer software-related questions as well as helping troubleshoot software anomalies and/or unexpected results
- Support and/or installs software applications/operating systems and provides expertise in the area of network and system administration.

Work Ethic

- Judgment and ability to make sound decisions
- Initiative and willingness to complete tasks and accept additional work
- Dependability, reliability and responsiveness in completing assigned tasks
- Quality of work performed
- Ability to apply creativity and expertise to task
- Ability to understand issues and solve problems
- Work ethic and ability to work with others

** The employer reserves the right to change or add duties to this position as long as the changes and/or additions are consistent with the job classification*