**Sr. Systems Engineer**

**Job Description**

Athena Technologies is looking for a self-motivated and innovative thinking Sr. Systems Engineer to work in a cross-functional team environment. The focus of this position is to perform tasks and assignments emphasizing development of technical and strategic leadership and interpersonal skills in a structured framework within engineering disciplines. Candidate must also have a great attention to detail, hardworking mentality, and excellent communication and people skills. Preference will be given to engineers with experience in Agile system development practices.

**Responsibilities**

* Define, organize, and maintain system requirements and system designs.
* Analyze customer's initial requirements specifications and development of product specifications / techniques to satisfy customer requirements.
* Generate systems engineering work products such as trade studies, system architecture, requirements analysis, requirements derivation, and requirements management using appropriate tools.
* Develop integration and processes and performing integration of system components.
* Determine verification methods, development of documentation, planning, and product execution of system components.
* Develop integration and plans and conducts in-house system and subsystem integration tests of the system to required levels to meet product requirements.
* Generate and analyze performance reports and process control procedures.
* Assists in the development of the system architecture and interfaces of the product, as well as performing trade studies and evaluations of designs and concepts.
* Assist with the definition, organization, and maintenance of software requirements.
* Assist teams with formalizing systems engineering processes and integrating useful processes for the teams.
* Systems engineering support for ongoing capability development.
* Other duties as assigned.

**Skills & Requirements**

* 8-10 years experience in systems engineering.
* BS/MS degree in Computer Science, Engineering or a related subject.
* Be willing and able to obtain and maintain a US Government Secret clearance. Applicants who accept a conditional offer of employment may be subject to government security investigation(s) and must meet eligibility requirements for access to classified information.
* Experience developing documentation required in support of both technical and training requirements.
* Experience collecting and assessing performance test and evaluation data to report areas of opportunity for improvement in system, subsystem, and component design.
* Experience in the development of systems engineering plans, operational needs analysis, requirements tracing, technical data management and technical planning.
* Experience developing and implementing system test and evaluation plans.
* Experience with risk management and problem resolution.
* Experience with programs that encompass system architecture, requirements analysis, and process evaluation.
* Must have good communication skills, work in a team environment and can solve cross-functional technical problems.

Job Type: Full-time

Pay: $74,654.00 - $151,462.00 per year