

## **SYSTEMS ENGINEER (REQUIREMENTS)**

QTEC Aerospace. is seeking an experienced Systems Requirements Engineer to join our team of professionals in Huntsville, AL. The Engineer will become part of a team of professionals representing both industry and government. The successful candidate will be detail oriented, have a proven track record and a positive work ethic.

### **Job Summary**

QTEC Aerospace is seeking an experienced Model-Based Systems Engineering (MBSE) professional capable of performing architecture and requirements development for manned and unmanned aviation applications. This position requires the ability to define and convey desired system behaviors throughout the requirements development, software development, and software testing process. A strong background in the methodologies and tools used to develop complex system architecture products is required.

### **Minimum Education and Experience**

- Bachelor's degree in Science, Technology, Engineering, or Mathematics is required

### **Required Knowledge, Skills and Abilities**

- Experience in the application of MBSE techniques and artifact development DoD systems.
- Thorough understanding of DoDAF, UML/SysML and object-oriented design implementations.
- Demonstrated ability to develop DoDAF compliant UML/SysML-based Use Cases, Use Case Narratives, and sequence diagrams that represent system and software behaviors necessary to achieve system capabilities.
- Experience with architecture modeling tools (e.g. Rational System Architect, Rational Software Architect, MagicDraw, Rhapsody)
- Strong communications and interpersonal skills
- Strong problem solving skills

### **Desired Knowledge, Skills and Abilities**

- Experience in development of manned or unmanned aviation systems

### **Security Clearance**

Candidates must currently have and be able to maintain a minimum DoD SECRET level security clearance.

### **Location**

Huntsville, AL

Qualified candidates should send Application for Employment and resume to [careers@qtecinc.com](mailto:careers@qtecinc.com).

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