

Emergent Space Technologies, Inc.  
6411 Ivy Lane, Ste 303  
Greenbelt, MD 20770



## **Flight Software Development and Test Engineer (FSW-111008)**

### **Job Description**

*Title: Flight Software Development and Test Engineer*

*Location: Denver, CO*

*Position: Full-time*



## Job Summary

**Emergent Space Technologies provides cutting edge information technologies to the aerospace industry. We are looking for experienced Software Engineers to join a growing, dynamic engineering team working on flight software for space missions. This is a highly technical position requiring expertise producing model based designs in MATLAB/Simulink and object oriented analysis and design using IBM Rational Rhapsody. This position deals with all aspects of the software lifecycle: design, development, test, integration, data implementation, formal verification, documentation and software configuration management using IBM Rational Synergy and Change. The successful candidate will work as a member of a team of engineers at our prime contractor's site in Denver. In addition to software development and testing, responsibilities will include participating in working groups, technical reviews, peer reviews and providing inputs to software development and configuration management plans, verification plans, software requirements specifications, interface documents, test plans, test reports and user documentation.**

## Minimum Requirements

- **This position requires access to and use of ITAR-controlled technology. Candidate must be a U.S. citizen or Permanent Resident.**
- **B.S. in Engineering or Computer Science.**
- **Minimum of 5 years of experience working with real-time, embedded software development.**
- **Expert working knowledge of MATLAB/Simulink and/or C++ in embedded systems.**
- **Good technical writing and communications skills.**

## Preferred Qualifications

- **Flight software experience.**
- **Experience with the IBM Rational Rhapsody OOD tool.**
- **Experience with the IBM Rational DOORS requirements management tool.**
- **Experience with the IBM Rational Synergy configuration management tool.**

## Notices

*The above statements describe the general nature and level of work being performed by people assigned to this classification. All personnel may be required to perform duties outside of their normal responsibilities as needed.*

*Emergent Space Technologies, Inc is committed to assuring applicants and employees are treated fairly without regard to race, religion, sex, marital status, disability, national origin, or any other characteristic protected by law.*