



## Systems Engineer

**Req ID:** SB\_SE\_01 to SB\_SE\_04

**Position Title:** Systems Engineer

**Classification Requirement:** TS/SCI with CI polygraph

### **Position Description:**

The Systems Engineering Candidate will be part of the greater Systems Engineering Integration and Test team at SAGE Black. Performs technical planning, system integration, verification and validation, cost and risk, and supportability and effectiveness analyses for total systems. Analyses are performed at all levels of total system product to include: concept, design, fabrication, test, installation, operation, maintenance and disposal. Ensures the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints. Performs functional analysis, timeline analysis, detail trade studies, requirements allocation and interface definition studies to translate customer requirements into hardware and software specifications.

System Engineer participates in a scrum team to decompose Epics into Features and User Stories for development and test. Generates the user stories and coordinates with the test team to generate acceptance criteria. Provides support to the mission analysis to determine the CONOP for new or modified functionality and support investigation into user's operational issues. Generates requirements and updates the existing requirement baseline. Generates architecture updates and documents changes to the existing architecture. Ability to bring SE artifacts through the engineering review board for approval and closure and delivery to the customer. This position performs System Engineering analysis for new capabilities, enhancements and defect fixes to an existing operational baseline. Ability to analyze requirements provided by the customer and decompose into software requirements specifications. Ability to generate and update architecture artifacts representing the software baseline. Updates the engineering baseline documents (requirements, architecture, etc.) as required based on the system changes implemented for the release. Proven experience coordinating with external customers, users and system engineering oversight organizations. Ability to perform maintenance release system engineering to support the content definition and defect analysis required for the release. Provides support to software engineering during development of the capabilities allocated to a sprint. Provides support to system test engineers, ensures requirements trace to test procedures and coordinates issues resulting from test. Supports the Release Manager and Product Owners to ensure all changes are ready for operations.

Because we serve on a greater team that serves our country, the Systems Engineer is required to possess an active Top Secret/Sensitive Compartmented Information (TS/SCI) security clearance and successfully complete a counterintelligence (CI) Polygraph.

### **Required Skills:**

- Current TS/SCI Security Clearance
- Current Active TS/SCI
- CONOPs Development
- Requirement Management
- Software Architecture Generation and Documentation
- Interface Definition & Management
- Feature and User Story Design and Definition
- System Integration and Test
- Willingness to Travel as required by the program

**In addition to the above skills, the successful candidate will possess some subset of the following:**

- Experience with Image Exploitation, GEOINT, Reporting and Dissemination
- Ozone Widget Framework, Application Development Understanding
- FVEY
- Excellent communications, organization and planning skills, with ability to work independently
- Experience presenting at technical reviews with customers and users
- Microsoft Office (PowerPoint, Word, Excel, Visio)

**SAGE black is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status or disability status.**

**Position Locations:** Littleton, Colorado

**Security Clearance:** TS/SCI w/Poly

**Business Unit:** Intelligence Community

**Programs:** Confidential

**Position Class:** Systems Engineering

**Position Category:** Mid-level to Senior

**Virtual:** No

**Relocation Available:** Yes

**Work Schedule:** Regular and 9/80 available

**Full-Time /Part-Time:** Full-Time