



Software Engineer

Position Overview: SSI is hiring multiple Software Engineers in the Colorado to support our Federal Agency Client. This position will be hybrid - on site 3 days/week.

Locations: Highlands Ranch CO

Duties and Responsibilities:

- SIM GDS Software Engineer will be supporting modeling/ developing for our digital simulation delivery
- Develop software in C++ (20), and Python in a Linux environment
- Write, analyze, and debug device communication protocols
- Read and analyze hardware specs
- Debug software, perform unit testing, and integration testing
- Develop in real time on mission critical systems

Requirements

- Bachelors Degree and 5+ years of professional software engineering experience required
- 5+ years of experience developing in C++
- 5+ years of experience developing in Python
- 5+ years of experience in a Linux environment
- Experience writing/analyzing/debugging device communication protocols
- Familiarity with reading hardware specs
- 5+ years of experience in debugging, unit testing, and integration testing
- Experience with threading/concurrency
- Experience with real-time and mission critical systems

Desired Skills and Experience:

- Working knowledge of spacecraft design and components
- Simulink experience
- GNC experience
- Simics experience desired
- Experience with DevOps tools and principles such as Jira, GitLab, Docker, CI/CD, Kubernetes
- General modeling experience

Security Qualifications:

- Successful Completion of a Background Check
- Must be a US Citizen

All qualified applicants will receive consideration for employment without exception

Salary Range Dependent upon Qualifications and Experience

\$115,000-\$130,000