

# Software Simulation Engineer (CO 26-02)

## Description

Candidate plans, conducts, and coordinates software simulation development activities. Designs, develops, documents, tests, and debugs software that contains logical and mathematical solutions to business/mission problems or questions in computer language for solutions by means of data processing equipment. Applies the appropriate standards, processes, procedures, and tools throughout the development life cycle. Applies knowledge of computer hardware and software, subject matter to be programmed in business/mission applications, information processing techniques used, and information gathered from system users to develop software. Corrects program errors, prepares operating instructions, compiles documentation of program development, and analyzes system capabilities to resolve questions of program intent, output requirements, input data acquisition, programming techniques, and controls. Ensures software standards are met.

This position is on the GPS Control Segment Sustainment contract as a Software Sustainment team member. Candidate will address problems identified with the GPS Control Segment simulator computer code by documenting them in problem reports when such problems are discovered, as well as analyzing those reports and developing solutions to fix the problems. Develop, test, and integrate code into simulator sustainment baseline. Document code changes in Gitlab databases and maintain records in Windchill. Monitor status of projects to ensure documentation is submitted according to schedule. Perform additional work on separately tasked Engineering Change Proposals defined by the customer. Provide support to Depot Level Maintenance teams (both emergency and urgent) as required.

## Location

Lockheed Martin facility, Colorado Springs, CO, area.

## Education and Experience

Bachelor's degree from an accredited college in a related discipline, or equivalent experience/combined education, with 5 years of professional experience; or 3 years of professional experience with a related Master's degree. Considered career, or journey level.

## Qualifications

Knowledge and use of the Windchill PDMLink change management system, Gitlab database, and the Microsoft Office tools suite. Competency in Unix, C/C++, Oracle database, and OS/COMET. Knowledge in Fortran and Jovial desirable.

## Required

Excellent verbal and written communication skills. Ability to be flexible in a dynamic environment. Ability to work in a team environment or independently as required. Must be able to obtain and maintain a DOD Secret clearance.

**Desired**

Previous technical knowledge of the GPS Space Segment and GPS Control Segment, with previous GPS software engineering experience.

**Send Resume or Direct Inquiries To:**

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