



## Career Opportunity

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| <b>Job Title:</b>  | <b>Software Engineer I (JMATS)</b> |
| <b>Job Description</b>   |                                    |
| <b>SUMMARY</b>   |                                    |
| <p>Software Engineer I is responsible for implementing, testing and documenting instructional systems software for the HC/MC training device located at Kirtland AFB, NM. Uses a variety of standard engineering methods and techniques in solving problems. Required to work closely with the HC/MC Tampa Engineer and to support the management of the product baseline fielded at Kirtland to ensure a smooth transition into the configured product baseline in Tampa. Decisions made are within established guidelines.</p>   |                                    |
| <b>ESSENTIAL DUTIES AND RESPONSIBILITIES</b>   |                                    |
| <p><i>Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.</i></p>  |                                    |
| <ul style="list-style-type: none"><li>• Designs, modifies, develops, writes and implements software programming applications.</li><li>• Supports and/or installs software applications/operating systems.</li><li>• Participates in the testing process through test review and analysis, test witnessing and certification of software.</li><li>• Relies on instructions and pre-established guidelines to perform the functions of the job.</li><li>• Generates preliminary and detailed designs as required for enhancements or modifications to existing designs, requiring the application of current industry design concepts and utilization of basic technical writing skills</li><li>• Performs a variety of specific professional engineering tasks of an analysis, design or test nature in support of the customer in a specialized engineering field such as software, mechanical, electrical, aerodynamics or electronics.</li><li>• Supports the TSSC Engineering group through all phases of software implementation and design on assigned projects with minimal supervision.</li><li>• Works closely with Test Engineer, Flightcrew Instructors and Subject Matter Experts to evaluate and test software design implementation.</li><li>• Attend and participate in weekly and monthly meetings providing project and work status to upper level management and customer audience.</li><li>• Foster a "team" environment and work well with peers and both internal and external customers</li></ul> |                                    |
| <b>QUALIFICATIONS AND EDUCATION REQUIREMENTS</b>   |                                    |
| <ul style="list-style-type: none"><li>• A Bachelors' degree in engineering, physics, computer science, mathematics or related curriculum</li><li>• Min 1 year of experience</li><li>• Knowledge of the UNIX/LINUX environment (Solaris), programming languages (C/C++, FORTRAN,</li></ul>  |                                    |



Ada) and Windows applications, and the Visual Studio suite (Visual Basic, Visual C, Visual C++).

- Knowledge of computer theory and operation a must.
- Knowledge of commonly used concepts, practices, and procedures within a particular field.
- Working knowledge of the Microsoft Suite – Outlook, Word, Excel, PowerPoint and Access.
- Good communication and organizational skills.
- Ability to work with minimal supervision.
- Ability to perform effectively as a part of the project team.
- Good communication and organizational skills.

#### LANGUAGE SKILLS

- Ability to read, analyze and interpret technical documents and procedures or government regulations.
- Ability to write reports, business correspondence and procedural manuals.

#### MATHEMATICAL SKILLS

- Ability to calculate figures and amounts such as proportions, fractions, percentages and ratios to practical situations.

#### REASONING SKILLS

- Ability to apply principles of logical or scientific thinking to a wide range of intellectual and practical problems.

#### PREFERRED SKILLS

- Technical writing and presentation skills.
- Experience working in a military facility

#### SECURITY RESPONSIBILITIES

Must comply with all company security and data protection / usage policies and procedures. Personally responsible for proper marking and handling of all information and materials, in any form. Shall not divulge any information, or afford access, to other employees not having a need-to-know. Shall not divulge information outside company without management approval. All government and proprietary information will be accessed and stored electronically on company provided resources.

- Incumbent must be eligible for DoD Personal Security Clearance.

#### WORK ENVIRONMENT AND PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Work in a regular office environment; communicate via personal computer, telephone and fax
- Duties performance in Training Services shop facility
- Must be able to work overtime and during off-shifts as required.
- Occasional travel as required

#### OTHER DUTIES

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for their job. Duties, responsibilities, and activities may change at any time with or without notice.

**CAE USA Inc. is an EOE/AA employer and gives consideration for employment to all qualified**



**applicants without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or protected veteran status. If you'd like more information about your EEO rights as an applicant under the law, please click here [EEO is the Law poster](#).**

PAY TRANSPARENCY NONDISCRIMINATION PROVISION The contractor will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information.