



Comet Solutions, Inc.
425 Walnut Street, Suite 1110
Cincinnati, OH 45202
www.cometsolutions.com
jobs@cometsolutions.com

POSITION: Software Quality Assurance Engineer

REPORTS TO: Software Engineering and Release Manager

LOCATION: Cincinnati, OH preferred; Albuquerque, NM also possible

Comet Solutions, Inc. provides software-based solutions used by product design workgroups within manufacturing companies to make better design decisions, complete conceptual design evaluations early and automate time-consuming simulation processes. Within Comet's Performance-Engineering Workspace, engineering analysts capture knowledge, processes and models (i.e. engineering intent) in templates, which allow simulation work to impact the product design and enable non-experts to run complex simulation studies. Comet Solutions is a privately-held company whose customers are leaders in the aerospace, defense, industrial equipment, transportation and consumer goods sectors.

Job Description:

We are looking for an experienced software quality assurance engineer to conduct comprehensive testing of our core Comet product and adaptors to external CAD and CAE tools, ensuring high-quality software implementations from initial requirements to final deliverable by working with all relevant stakeholders. The ideal candidate has excellent communication skills, strong time management and task prioritization skills, and works effectively with other team members, development staff, customers and management to understand and coordinate the testing efforts. This position is responsible for all aspects of black box testing, including functional, system, regression and acceptance tests.

This person will design and implement automated and manual test cases, prepare test data, execute tests and review, evaluate and document test results. He or she will work closely with the Comet development team to identify areas and methods to improve testing efficiency, expand coverage and increase product reliability.

Job Requirements:

- Work effectively with management, development, fellow QA team members and customers to understand the functionality behind new feature requests
- Accurately estimate the testing requirement for new features
- Assist in defining acceptance criteria for new features
- Develop and conduct effective and reliable test plans
- Verify and validate new features as delivered by the development team
- Identify and report defects in the software
- Assist in preparing and validating demos and customer projects
- Contribute to product, release and internal documentation
- Communicate product quality and testing progress, clearly identifying potential hurdles and show-stoppers



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Personal Characteristics:

- Self-starting and highly motivated to succeed
- Passion for high-quality software that meets and exceeds customer needs
- Able to work independently and as a team member
- Thrives in a dynamic, high-energy work environment
- Exacting and highly attentive to detail

Qualifications:

- Bachelor's degree in Mechanical or Civil Engineering, Computer Science or a related technical field
- 3+ years experience testing large commercial engineering software systems in a dynamic and fast-paced environment with growing levels of responsibility
- Proven capability to design, develop, execute and maintain test plans, test cases and test procedures with minimal guidance
- Hands-on experience with commercial 3D CAD and FEA/CAE software
- Proficiency in interpreting user scenarios and complex use cases to develop automated and manual test scripts
- Excellent English verbal and written communications skills
- Ability to quickly learn new technologies and product functionality
- Experience with automated GUI testing (e.g. Squish) and Agile development methodologies is a plus
- Familiarity with C++, XML, Python and Scheme is a plus

Benefits:

- Base Salary and Bonus Plan
- Paid Holidays & Vacation
- Health/Medical Benefits
- IRA Plan
- Stock Options