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TITLE: Quality Assurance Engineer
REPORTS TO: Director of Software Engineering
LOCATION: Albuquerque, NM

GENERAL SUMMARY OF POSITION:

This individual is responsible for 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 with other team members, development staff, customers and management to understand and coordinate the testing efforts. This person is responsible for all aspects of black box testing, including functional, system, regression and acceptance tests.

This individual is responsible for designing and implementing test cases, preparing test data, test execution, and reviewing and evaluating test results. This candidate will work closely with developers to identify areas and methods to improve testing efficiency, expand coverage and increase product reliability.

Test and QA responsibilities include comprehensive testing of our core product. The development technologies include:

- C++
- XML
- Windows
- Linux
- Python
- Scheme

This position requires an experienced, hands-on tester that is very independent and thrives in a dynamic and fast-paced start-up culture.

JOB REQUIREMENTS:

- Proven skills in testing and quality assurance.
- Ability to write and execute test plans and test cases with minimal guidance.
- Ability to document precise and concise defect reports and test results.
- Strong software analysis skills.
- Strong understanding of requirements traceability.
- Strong analytical, organizational and conceptual skills.
- Excellent verbal and written communications skills.
- Excellent time management and prioritization skills.

- Ability to learn new technologies and product functionality in an expedient manner.
- Ability to adjust to changing focus and/or priorities.
- Ability to successfully multi-task and set priorities as needed.
- Ability to work in a dynamic, challenging and aggressively fast-paced environment.
- Scripting languages a plus.
- GUI automation testing experience a plus.

PERSONAL CHARACTERISTICS:

- Highly motivated to succeed.
- Self-starting and self-motivating.
- Detail-oriented.
- Effective working independently and as a team member.

QUALIFICATIONS:

- Bachelor's degree in Mechanical or Civil Engineering, Computer Science, Mathematics, or related technical field.
- 2-5 years experience in the software test/QA field with growing levels of responsibility.
- 2-5 years experience designing, developing and maintaining test cases and procedures.
- 2-5 years interpreting user scenarios and complex use cases to develop automated and manual test scripts.
- Experience testing in data-intensive environments.
- Hands-on experience with Engineering CAD and CAE software a large plus.
- US Citizen