

## STAFF SOFTWARE TEST ENGINEER

### Professional Summary

To acquire a position as a Software Tester (SQA) that will fully utilize my technical and personal skills . Customer focused engineer with over 17 years of experience with emphasis in manual testing, verification, validation, test plan, test design, maintenance and support of consumer & enterprise software products .

### Summary of Skills

- Extensive knowledge in developing and executing test cases from requirement & design and following testing practices, processes, procedures & methodologies such as Black Box, regression, acceptance, integration, functional/feature, compatibility & interoperability, manual, usability and scenario testing
- Problem solver that is skilled in applying engineering principles, 'test to break' attitude, and customer point of view to identify product defects, derive solutions and support continuous improvement
- Bring in good judgment skills to assess high-risk or critical areas of an application on which to focus testing efforts when time is limited and ability to find problems as well as to see 'what's missing'
- Develop and executes complex software test plans. Design, develop, and execute tests to verify design meets documented requirements.
- Verification through testing or inspection that the product functionality meets the software requirements.
- Plan and implement configuration of physical setup of equipment.
- Create/track software defects in the defect tracking database and verify closure of defects.
- Knowledge of how software verification / validation activities integrated within a software development process.
- Performing manual testing, and automated testing SQA robot, of product features.
- Ability to create manual test cases for verifying software satisfied functional requirements.
- Proficiency in Microsoft Word, Excel, Visual Source Safe and Power Point, DDTs, DevTracker, Team Center, Kronos, TRACK.
- Strong writing, presentation, and general communication skills
- Perform software verification and validation activities as a part of the overall software development process targeted for use with manufacturing test fixtures.
- Knowledge of the following medical diagnostics instruments: ADVIA120, ADVIA2120i, ADVIA Centaur Classic, XP/XPT and HVNEXT.
- Perform analysis of test results to ensure functionality and recommends corrective action. Complete the logging, tracking, communication, and resolution of issues.
- Report passed and failed requirements to the test team, the project team, and the department manager.

### Experience

Visa September 2007 to Current Staff Software Test Engineer  
Denver , CO

- Developing and executing test requirements for a variety of hardware and software products to verify functionality.
- Develop test design utilizing rdExpert Test Suite to execute test procedures based on a variety of hardware and software products to verify functionality.
- Software verification and validation activities related to product changes due to compliance, reliability, parts obsolescence, process improvements or new features.
- System level expertise on the instrumentation, assay, software and laboratory practices used in lab environment.
- Planning, conducting and evaluating results for software and hardware test activities associated with a complete project of limited scope or a portion of a larger and more diverse project.
- Design, develop and construct test plans/procedures used to evaluate medical diagnostic devices, including software, hardware and system interaction.
- Coordination the execution by other individuals, of formal test procedures, in a medical laboratory environment, with extreme attention to details.
- Practice company safety and quality policies and procedures to ensure personal and company compliance with all Federal, State, local and company regulations, policies and procedures for Health, Safety and Environmental compliance.
- Maintain traceability matrix and test cases both planned and executed for all product releases.
- Work with extended cross functional teams to ensure adequate test coverage Troubleshoot product defects to drive to root cause. Provide technical assistances for hardware and software debugging.
- Update and maintain quality/ validation process documentation. Apply extensive knowledge of technical principals, theories, and concepts in Software V&V field.
- Collaborate with distributed, cross-functional teams to develop appropriate test procedures and determine root causes for failures.
- Troubleshoot test environments. Investigate software, hardware, and system problems using a variety of testing techniques.
- Use of software testing tools to interpret and evaluate software performance. Qualifications Windows operating systems, especially Unix/Windows 7/Windows 8.1.

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Stryker Corporation September 1997 to September 2007 R&D Senior Software Test Engineer  
Bend , OR

- Performing Software testing in Windows XP and Unix environment Integration Testing, Regression Testing Acceptance Testing, Smoke Testing, Ad-hoc testing, Validation Testing, Manual Testing, Black Box, Testing Medical Devices, Test Planning, Test Strategy, Test Designing, Sanity Testing , GUI Testing, Test Case Generation, Defect Logging, Test Environment Setup, Feature Testing Software Installation, Software Documentation, Clear Case, R&D System Testing.
- Writing test design and procedures for manual software testing according to special requirements, software installation and documentation review Develop and update test cases and test plans, setup complex test environment.
- Evaluate test results and provide advice on the suitability of software for release, devise and implement test plans on testing requirements.
- Black box testing, functional testing, install/uninstall testing.
- Automated testing: SQA Suite 6.0 for Window NT/95, Team Test Edition (SQA Robot - Visual Basic as script language) Develop software solutions by studying information needs; conferring with users; studying systems flow, data usage, and work processes; investigating problem areas; following the software development life cycle.
- Participating in educational opportunities; reading professional publications; maintaining personal networks; participating in professional organizations.
- Analyzing Information, Software Design, Software Documentation, Software Testing, Problem Solving, Teamwork, Software Development Fundamentals, Software Development Process, Software Requirements.

Central Maine Medical Center August 1996 to September 1997 Medical Technologist  
Dixfield , ME

Generalist (Hematology, Chemistry, Immunology and Blood Bank.

Tower Health September 1995 to August 1996 Medical Technologist Generalist  
Sinking Spring , PA

Generalist (Hematology, Chemistry, Immunology and Blood Bank.

#### Education

Regis University June 2012 Master of Science (MS) : Software Engineering-Executive Information Technology Management City , State , USA  
GPA: Graduated with Honor.

City University of New York August 1994 Bachelor of Science (BS) : Medical Technology City , State , USA  
Medical Technology (Generalist)

#### Professional Affiliations

#### ASQ

Starting December 1999

#### Skills

Manual Testing, Black Box Testing, SQA Robot (automation), Smoke Testing, Integration, Verification, Validation, Acceptance Testing, Feature Testing, System Testing, Ad-hoc Testing, Sanity Testing, GUI Testing

Test Planing, Test Design (rdExpert) and Defect Tracking.

Medical Devices, Knowledge of SDLC, Software Documentation, R&D, Software Installation, Testing Strategy, Basic knowledge of Visual Basic and Unix.