



## **QA Engineer II (Automation / Black-box Functional)**

### **Job Description – QA10**

**5/24/10**

#### **The Company**

Aperio is the leading provider of digital pathology solutions in hospital and reference labs, academic medical centers, and Biopharma institutions across the world. Today, our affordable and complete product portfolio is proven to lower costs, increase efficiencies, and enhance workflow in labs everywhere. Our comprehensive product line features our ScanScope® scanners, Spectrum™ image management (PACS) software, SecondSlide™ slide sharing service for pathology, and image analysis tools and services.

Aperio's products are FDA cleared for specific clinical applications, and are intended for research and education use for other applications. For clearance updates and more information please visit [www.aperio.com](http://www.aperio.com).

**Summary:** Reporting to the SQA Manager this position will be responsible for assisting with both automated and manual testing, including test plan and test case development and execution of said plans. The successful candidate will have practical knowledge of software quality assurance methodologies and their role in a fast paced development cycle. This position requires good attention to detail, ability to solve problems, and flexibility to handle multiple projects, tasks, and priorities. You will need to be involved in all phases of the SDLC; requirement analysis, test plan creation, detailed test case creation, test bed preparation, and test execution; logging bugs and preparing/presenting test results to SQA Manager and SW Manager.

#### **Major Responsibilities:**

- Developing strong technical understanding of client/server applications under test.
- Authoring/coding and executing automated tests – including functional, performance and stress-related tests.
- Reviewing Requirements and Design documents for assigned Projects to create Test Plans and Test Cases of appropriate detail / rigor for a regulated environment.
- Executing manual Test Cases, documenting Test Results, reporting and verifying defects, helping ensure requirement traceability throughout a Project.
- Represent SQA in Design Reviews and other early-stage technical meetings; working closely with SW engineers, PM, and documentation.
- Early identification and communication of risks related to assigned Projects.
- Test bed management and maintenance for ongoing test efforts (Acronis, VMware).

#### **Qualifications:**

- Must be highly motivated and have strong technical and analytical skills.
- Must be self-sufficient and able to work independently yet also handle direction well.
- Must have experience with SW test automation. (TestComplete is a plus.)
- Experience with performance or stress testing.
- Experience testing software applications in regulated environments (medical device or similar).
- Experience testing computer controlled mechanical systems.
- Familiarity with defect tracking software, test management / ALM tools, and source control.
- Proven communication skills with development and operations/support teams (written/oral).

#### **Requirements:**

- Four year degree in relevant field or equivalent work experience.
- 4+ years **recent** experience in software quality assurance – including test plan/case/data preparation, automated testing techniques (e.g. TBD), manual testing techniques (scripted and exploratory), and solid troubleshooting skills (SW and HW).
- 3+ years testing Web-based applications (client/server on Windows).
- Experience with the following: databases (SQL Server), web servers (Apache), networking, scripting languages (PHP, SQL, JScript)
- Working knowledge of Image analysis.

**Preferred:**

- Background in health technologies – especially within clinical domain.
- Experience building an automated framework from the ground up.
- Experience with security testing.
- Experience with Linux.

**Location and type:**

Full-time employment in Vista, California

**Compensation and benefits:**

Aperio pays our great people salaries commensurate with market value, and provides full benefits including health benefits and a 401(k) plan. All Aperio employees participate in our stock option plan.

**Contact**

Aperio is committed to attracting and retaining the most highly qualified candidates available. As an Aperio employee you will be consistently challenged to deliver your best. Because we provide our customers the best technologies and service in the industry, you will constantly develop new skills, learn new products, and be involved in activities that are highly valued in the marketplace. At Aperio, we value our customers as partners, and therefore strive to deliver excellence in everything we do. If you are ready for this challenge, contact us by sending your resume to [jobs@aperio.com](mailto:jobs@aperio.com). Please include the position title.

Aperio is an equal opportunity and affirmative action employer. We support workforce diversity.