

Test Automation Engineer

Roles and responsibilities

Participate in a test automation tool selection process for an automated component testing harness in a Java/EJB/Ant environment.

Participate in project-wide reviews of requirements, system architecture, and detailed design documents.

Develop and execute automated tests using the selected tool, which will likely require programming in C, C++, Java, or some scripting language.

Perform static analysis of source code using complexity metrics.

Effectively communicate testing activities and findings in oral and written formats.

Integrate the test suites into the test management system and custom test harnesses.

The ability to participate effectively in estimation, planning, cost-of-quality, and quality risk analysis is desired.

Education

Four-year-degree in computer science, computer engineering, electrical engineering, or software engineering desired; or add two additional years experience.

Certification in testing tools or testing skills desirable.

Experience and Skills

Five or more years experience in test automation, with at least one year of that experience in a Unix Web/database/application server-side browser-based application environment.

Familiarity of the underlying architecture of a multi-tier browser-based application is required, including operating systems, servers, networking, clients, and browsers.

Programming, system administration, or database administration experience is a plus.

At least some knowledge of word processing is required, and more extensive experience with word processing, content management, and document management systems is a plus.

Career Path

A demonstrated career commitment to testing and/or quality assurance is preferred. The candidate should show a familiarity with the latest testing theory

and practice, a commitment to on-going learning about the field, and a history of applying useful testing concepts in previous positions.

Other

Dress is business-casual and hours are flexible. Some weekends and evenings will be required.

A demonstrated ability to work effectively and harmoniously as part of an independent test team within a project-service-organization context is required.