

## **CYBEX** **POSITION DESCRIPTION**

### **SOFTWARE TEST AUTOMATION ENGINEER**

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#### **BASIC PURPOSE:**

Responsible for developing and executing software quality assurance procedures that will ensure the delivery of high quality products.

#### **DUTIES AND RESPONSIBILITIES:**

- Build automated functional and regression tests and maintain them through the product life cycle
- Develop test plans and procedures, along with detailed test cases based on product requirements
- Execute functional, non-functional, regression tests, system test, performance tests on a regular basis and document results
- Continually identify new automated tools and work closely with other engineers to develop testing tools and frameworks to aid in testing effort
- Support software and firmware engineers by reproducing reported issues (manually or with automated test scripts)
- Perform defect tracking and management
- Responsible for ensuring product quality continuously improves
- Contribute to improvement of design practices for development and testing.
- Perform other duties as assigned

#### **QUALIFICATIONS AND SKILLS NEEDED:**

*Minimum formal education, experience and training:*

- Computer Engineering, Computer Science or Electrical Engineering degree (BS CS, EE or ECE) along with 7+ years of directly applicable experience.
- Proficient in scripting language (Predominantly Python/Perl or any other language)
- Experience working with automation testing frameworks
- Ability to develop efficient test plans from written and implicit requirements
- Working knowledge of object-oriented programming techniques to enable creation of subsystem test cases
- Strong understanding of SDLC and testing lifecycle
- Solid analytical and communication/interpersonal skills required.
- Must have good balance of theoretical and practical experience and must be “hands on” in a product development environment
- Familiar with configuration management, bug tracking tools and test case management systems
- Excellent time-management and multitasking skills

*Preferred education, experience and training:*

- Exposure to embedded real-time software design.
- Track record of delivering high quality software systems
- Experience testing products with rich Graphical User Interface
- Experience testing audio, video and / or mobile applications
- Experience with test driven development
- Familiar with Open Source Software development models
- Familiarity with agile, iterative software development methodologies

**TRAVEL:**

Some, including international.