

Position: System / Software Tester (Intermediate)

Company: Gatekeeper Systems

City: Abbotsford, BC

Type: Full Time - permanent

Description:

Gatekeeper Systems is a market leader in the development of mobile digital recorders for a worldwide marketplace. Gatekeeper designs and manufactures a range of digital recorder products that utilise the latest embedded processors, video compression technologies and play back applications to meet demanding needs in commercial and military market spaces. The company has a need to fill a system / software tester position.

This role involves full life cycle testing from initial design to product release. The ideal candidate will have at least 2 to 3 years of experience in a product development environment with a background in the development of test strategies for products spanning hardware, firmware and PC based applications. This is an ideal opportunity for the right person to bring industry best practices in testing and quality assurance to a dynamically evolving product development team.

Main Duties:

- Liaise with developers to understand product design and identify test requirements and scope for the generation of test plans and specification
- Create and maintain test plans, specifications and test cases with input from the design team.
- Debug and characterize software defects
- Identify and report actual or potential product defects
- Write and perform test plans, and test cases for functional and system testing and carry out root cause fault analysis.
- Identify, document and track system, hardware and software defects encountered during testing
- Participate in design and defect review meetings with developers and other company personnel
- Coordinate with design, project and product management personnel to ensure product testing is carried out to the highest levels
- Participate in QA process improvement activities by applying established software quality assurance analysis and procedures
- Support customer service with handling, resolving and documenting reported customer problems

Essential Requirements:

- University Degree in Software Engineering or related discipline or equivalent experience
- At least 3 years of direct test experience with embedded Linux and windows-based software systems and a solid background in test methodologies
- Exposure to full life cycle product test in a product development environment with system test experience in hardware, embedded firmware and application software and their interactions.
- Knowledge of networking systems, protocols etc.
- SCM experience utilising bug tracking and source code versioning systems.
- Comfortable setting up and maintaining computer hardware, operating systems and networks to support testing
- Experience with C#, C++, Python, Ruby or another scripting or programming language
- Knowledge of digital imaging
- Proficient with standard Microsoft Office tools; Word, Excel, Outlook etc.
- Proficient with standard Microsoft and Linux Development tools; Visual Studio, Project, Visio etc.
- Knowledge of Linux and the following Microsoft OS's, XP, Vista, etc.
- Excellent interpersonal and written communication skills
- Self starter and able to work with minimal supervision and to tight deadlines.

Reply to: tekjobs@gatekeeper-systems.com