



Simulation Software QA Specialist

CM Labs is seeking a Simulation Software QA Specialist. The individual will be responsible for working on the continuous improvement of testing strategies for our Vortex platform products and our simulators in a 3D visual immersive environment. Responsibilities involve automating QA procedures to validate products delivered to customers. It involves as well hands-on tasks to help in the installation, configuration and troubleshooting high end systems composed of multiple PCs / multiple screens / mechanical equipment and electronic sub-components. The candidates must have good oral and written communications skills and work well in a team environment.

These applications are used for training operators and mission planning in different domains such as heavy equipment for construction, ports, mining, as well as robots, remotely operated vehicles, submarines and more. Visit our video gallery at: youtube.com/user/vortexsim.

Responsibilities

- Participate in continuous improvement of testing strategy of our immersive Simulators
- Formalize Test Procedure, create and perform Test Plans
- Establish, maintain and publish a comprehensive documentation for test benchmarks
- Validate product requirements
- Evaluate the functionality, performance and usability of our portfolio of simulators deployed with several virtual scenarios
- Improve our QA workflow by adding more automation into the QA workflow
- Increase QA aspects at the inception of a project or product development
- Follow our QA process based on a bug tracking system
- Investigate and assist developers in fixing bugs
- Follow up on priorities in bug resolutions
- Collaborate with our engineers in delivering high quality products on schedule
- Continually improve product quality
- Hands-on tasks to help in the mounting, installing, configuring and troubleshooting of high end systems composed of multiple PCs / multiple screens / mechanical equipment and electronic sub-components

Qualifications

- Software, Electrical or Mechanical engineering or computer Science degree
- 5-7 years experience in Software QA
- The candidate must be highly organized and detail oriented
- Strong focus on quality and processes
- Experience with software life-cycle
- Good interpersonal and communication skills
- Quick learning mindset in a multi-disciplinary environment
- Skills to execute hands-on tasks
- Knowledge of scripting languages (Python, JavaScript)
- Strong sense of responsibility & commitment
- Oral & written bilingual (French & English)



- Capability of working in an ISO qualified environment
- Knowledge of C++ programming language would be an asset
- Capability of working in an CMMI level 3 qualified environment would be an asset
- Knowledge of Bugzilla, Subversion, JIRA or IBM Rational tool suite would be an asset

About Vortex (www.vxsim.com)

Based in Old Montreal, CM Labs develops the Vortex software and immersive turn-key simulators based on the Vortex software. Vortex is the leading development platform for real-time modeling of physics-based vehicles, machines and robots. Vortex is used by applications developers to build physically accurate motion models and interactive behaviors for demanding industrial and defense applications such as training, virtual testing, mission planning and visualization. Visit our website at: vxsim.com

We provide competitive salaries and an employee group benefits package.

Please send applications to hr@vxsim.com.