Software Quality Assurance and Standards Engineer II

About Us

Avatar Partners (www.avatarpartners.com) is a leading North American Extended Reality software provider for Government and Industry with headquarters in Irvine, CA. We specialize in best-in-class immersive reality solutions that Simplify Complex Systems™ to increase the efficiency, safety and effectiveness of equipment, systems, and processes.

Job Description

Immediate opening for a meticulous, hands-on experienced Software Quality Assurance (SQA) Engineer with robust experience in tagging, packaging, and distribution specifications. This position will test, analyze, and improve product performance of advanced applications and software solutions while leading the development and definition of tagging standards for Mixed, Augmented, and Virtual Reality (MR, AR, VR) products. This position is part of an innovative, highly dynamic software development and training solutions team in a rapidly growing woman-owned small business that has contracts for the US Department of Defense and Commercial markets. This is a technical position that is responsible for standards and specification development, as well as full lifecycle product assurance and standards conformance.

This is a full-time remote, salaried position with benefits.

Responsibilities

- Collaborate with software engineers to define system and functional requirements for software applications
- Define and develop tagging elements and schemas for Mixed, Augmented, and Virtual Reality (MR, AR, VR) training products
- Author standards and specification documents and artifacts
- Develop and document test plans, use cases, user stories, and test procedures
- Conduct formal qualification testing to validate products for design, standards, and quality requirements
- Input and manage software bugs and defects
- Assemble reports and follow-up directly with fellow team members regarding conformance procedures and results
- Participate in key technical designs and decisions related to the projects
- Identify and implement process improvements to increase the quality and efficiency of the projects and personnel
- Assist in the delivery of product and software releases by following a structured systems engineering and software development approach
- Integrate configuration management principles and processes into project products

- Author software product documentation such as Version Description Documents and Change Logs

Requirements
- 5-9 years of experience as a Software Quality Assurance Engineer or Software Tester
- 5-9 years of experience working with tagging and delivery specifications and standards
- Bachelor's Degree in Computer Engineering, Computer Science, Information Technology or other technical discipline
- Experience working with Software Engineers to write documentation
- Experience working with XML, JSON, or YAML
- Extremely detail oriented and organized
- Experience using issue and bug tracking software products
- Expertise in software and product requirements gathering and documentation
- Advanced technical knowledge of computer systems and software engineering principles
- Creative problem-solving ability, with a logical approach to resolving issues
- Knowledge of Configuration Management fundamentals and best practices
- Knowledge or Mixed, Augmented, and Virtual Reality (MR, AR, VR) products and devices
- Excellent communication skills (written, oral, and presentation)
- Strong commitment to a team environment
- Proven experience successfully working with remote team members and subcontractors
- Must be eligible for or, maintain a SECRET level security clearance at the time of employment

Desirable Qualifications
- ISTQB or QAI Certification (or equivalent)
- SECRET or higher level security clearance a plus
- Previous Military experience

Benefits
- Competitive Salary
- Competitive Benefits: Health, Vision, Dental & Chiro
- PTO Time
- Sick Time
- Health Insurance
- 401K
- Growth opportunity!