



Job Title: **Test Engineer/Specialist**

About EERS

Founded in 2014, EERS Global invents, designs and tests in-ear advanced technologies to accelerate go-to-market of game-changing products. Our cutting-edge technology augments the human experience in communication in challenging situations, hearing protection, biometric and wellness monitoring, brain computer interfacing, and is repeatedly validated in the field and some have become an ANSI Standard.

Through co-development partnership, we bring a stream of new products to market. Beyond prototyping, we produce actual scalable, easily transferable, manufacturable product taking the development execution risk out of the equation.

A global centre of excellence in research in acoustics, audio and biosignal processing, in-ear technologies and product development, we attract high-caliber scientists and engineers to our team. Our head office is located in the heart of downtown Montreal. We offer competitive salaries as well as a great team environment. EERS Global is an equal-opportunity employer committed to diversity.

Job Description

We are looking for a dedicated **Test Engineer/Specialist** to take ownership of Quality Assurance at EERS, and help us produce the highest possible quality deliverables for our clients.

Part of the Quality Assurance team, the Test Engineer/Specialist's work will span multiple disciplines, including hardware devices (prototypes and production), software, as well as scientific prototypes and test protocols.

For these reasons, we are looking for a highly motivated individual with a versatile skillset, who is passionate about technology and really dislikes bugs!

Duties and Responsibilities

- Act as EERS' quality gatekeeper: collaborate with R&D teams to ensure that new devices, prototypes and algorithms are adequately validated
 - Design and execute test plans
 - Assemble and maintain test documentation
 - Train R&D teams on testing best practices
 - Ensure that good and consistent unit testing practices are followed by software development teams
 - Help review scientific test protocols carried out on human subjects
 - Challenge the quality and reliability of R&D teams' deliverables
 - Identify critical design elements that require additional scrutiny
 - Perform failure mode and effects analyses (FMEA)
 - Work on integrating testing and validation as a standardized development step. Create standardized validation methodologies
 - Improve existing release management practices
 - Release procedures
 - Automated builds and packaging
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Education and Professional Experience

- Bachelor's degree in a computer engineering, electrical engineering or software engineering, or equivalent professional experience
- 3+ years of professional experience in test engineering

Knowledge, Skills & Abilities

Qualifications

- Thorough and adaptable
- Very organized
- Actually, extremely organized
- Excellent understanding of common classes of bugs

Nice to Have

- Multi-disciplinary testing skills: hardware and software
- Knowledge of software test frameworks

Soft Skills

- Ability to contribute to multiple concurrent projects, both independently and collaboratively, amongst multidisciplinary teams
 - Strong time management and organizational skills: be punctual and meet deadlines
 - Excellent communication skills, both written and oral
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