



Job Title: **Prototype Technician**

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 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

Reporting to the Senior Prototype Technician you will be required to assemble, test and operate electrical and mechanical equipment. The successful candidate will also be expected to support the execution of the workflow of the Prototyping department and be required to execute non-core -tasks as reasonably prescribed.

Duties and Responsibilities

- Assembly, testing, and upkeep of electronic and mechanical components, subsystems, and prototypes
- Build prototype earpieces (mechanical & electronic), test jigs and fixtures for earpieces and assist the engineering department in its design.
- Assist and identify root causes and trends and provide innovative solutions to resolve electronic and mechanical issues.
- Provide up-to-date information on assembly processes to aid in the improvement of products.
- Maintain a roadmap and second vendor database of all critical electronic components
- Support and execution of non-core tasks to assist the activity of the Prototyping department as reasonably prescribed.

Education and work experience

- College Degree in electronics would be an asset or proven equivalent experience.
- Minimum of 5 years of experience in this related field of prototyping both mechanical and electronic.

Minimum Knowledge, Skills & Abilities:



- Work experience in a Tier-One environment is a plus.
- Effective written and verbal skills including ability to author technical specifications, status reports, business correspondence and procedures
- Experience with board, module, and system level electronic troubleshooting, including experience with measurement equipment such as multimeters.
- Be proficient at soldering small packages such as 0201 resistors and other surface mount devices although some training can be provided in this area.
- Able to work under a wide field microscope using small precision tools and soldering equipment.
- Some basic Knowledge of preparing 3D printed parts for assembly.
- Knowledge of digital and analog circuit design.
- Able to read electronic schematics and mechanical drawings.
- Familiar with communication protocols, such as I2C, SPI, UART, USB
- Strong time management and organizational skills; ability to handle multiple tasks, be punctual, and respect deadlines
- Self-motivated, proactive and focused

Please send your cover letter, a CV or resume, and contact information for two references to jobs@eers.ca OR submit them through our [EERS Career platform](#).
