



Summer Intern: Electronics Technician I

Company Description:

BioTraceIT™ values the capacity to improve medical care and interventions by quantifying pain, ultimately impacting quality of life and wellness. BioTraceIT™ focuses on novel technologies at the cutting edge of wearable health care. We deem new solutions as paramount to new paradigms. By measuring pain, we qualify wellness.

Role Description:

BioTraceIT™ has a summer intern position open for an electronics technician with an electrical engineering or biomedical engineering background to work with our team to assist in the assembly, test, and calibration of our medical device systems. Knowledge and experience in the use of electronic test equipment including multimeters, oscilloscopes, signal generators and power supplies is required. Experience in working with testing protocols and procedures, data analysis, and developing study reports is preferable. Additional, understanding in quality management systems is a plus.

Technical Competencies:

- Assist in assembly and testing.
- Assist in developing technical documentation including engineering drawings, specifications, protocols, test reports, work instructions, and training materials.
- Follow and adhere to the requirements and guidelines of standard operating procedures, test protocols and corrective and preventative action processes.
- Periodic reporting of activities and progress.
- Knowledge of medical device regulations such as FDA CFR Title 21, ISO 13485, Health Canada is a plus.
- Knowledge of human physiology and biosignals such as ECG, EEG, EMG is a plus.

Requirements:

- Student in Electronics Engineering or Biomedical Engineering Technology
- Collaborative approach with strong written and verbal communication skills including experience in MS Word, Excel, and Outlook.
- Efficient, creative and able to work effectively with others.

Notes:

- In order to ensure a prompt and efficient processing of applications, candidates are encouraged to provide, along with their résumé, a detailed cover letter explaining how they meet each of the requirements of this position (education, experience, language requirements) by providing concrete examples. In addition, the candidate is encouraged to describe in detail when, where and how he/she gained the experience.
- The incumbent must adhere to safe workplace practices at all times.

- We thank all those who apply and will make an effort to contact each candidate, however while we appreciate your interest in this role, we may be able to only contact those selected for further consideration.

To apply:

Please send your cover letter and resume to info@biotraceit.com with “Electronics Technician” as subject line.

To learn more about BioTraceIT, please visit <https://biotraceit.com>