

ELECTRONICS ENGINEER

Are you passionate about Electronics? Are you motivated to participate in the growth of an innovative company that is developing disruptive technology? Are you looking for a mission of helping people recovering their mobility? We are looking for an Electronics Engineer, creative, rigorous and results oriented.

B-TEMIA Inc. is an emerging Canadian technology company that develops cutting-edge products in the growing market of human augmentation systems, with applications in the healthcare, industrial and military sectors. B-TEMIA owns a wearable Dermoskeleton™ technology powered by proprietary artificial intelligence software that provides individuals with robotized mechanical support to restore, maintain or enhance their mobility on their feet... The Company aims to become the global leader in the high growth market of human augmentation, and is building a world-class team with excellence-based and audacious innovation practices.

MANDATE

Reporting directly to the director of R&D, the **Electronics Engineer** will be dedicated to the development (design, implementation, prototyping and qualification) of embedded electronic circuit boards as part of the design of autonomous biomechatronic systems.

Specifically, the **Electronics Engineer** would be involved in the following activities:

- Creation of requirements, architecture and design documentation of electronic circuit boards;
- CAD implementation of electronic circuit boards;
- Assembly of prototypes;
- Design of microcontroller firmware modules for test purposes;
- Verification and validation of electronic circuit boards;
- Conduct normative testing activities when needed;
- Participation in the R&D department design reviews;
- Support production and supplies departments;
- Write technical documentation and reports;
- Perform all other job-related tasks.

REQUIREMENTS

- Bachelor's degree in electronic engineering;



- 5 to 10 years' experience in electronic design;
- Bilingual, both French and English;
- Knowledge of C++, C language programming is mandatory
- Experience with:
 - ISO 13485 medical device quality system is an asset;
 - Experience with IEC 60601-1 medical device standard is an asset;
 - Experience with motor drive circuit design is an asset;
 - Experience with STM32 microcontrollers is an asset;
 - Experience with Altium Designer is an asset.

PERSONAL ATTRIBUTES

- Highly skilled in planning, organizing and manage multiple priorities;
- Self-driven and accountable mindset;
- Performance driven: high standards and results oriented;
- Strong ability towards team work;
- Knowledge of other engineering disciplines is considered an asset;
- Excellent written and oral communication skills.

If this position appeals to you, please submit your resume to human.resources@b-temia.com

Please note that we will contact only the retained candidates for an interview.

B-Temia inc. is an equal opportunity employer.