



## **ELECTRICAL ENGINEER**

### **COMPANY DESCRIPTION**

4iiii Innovations Inc. (4iiii) is a Canadian sports technology company based in Cochrane, Alberta. 4iiii is a diverse team dedicated to improving personal performance through the development of superior training tools, including cycling power meters, heart rate monitors, and cycling trainers for the outdoor and indoor cycling and fitness markets. The company seeks to build not only the best and most accurate equipment but to do so at an affordable price so that every athlete can gain the benefits of better training. We're seeking a **permanent full-time Electrical Engineer** to join our team in Cochrane, Alberta.

4iiii offers a competitive salary, a group health benefit plan and a fun, athletic work culture.

### **DEPARTMENT SUMMARY**

- Design and develop new product concepts and move them through the product development pipeline from early concept to saleable product
- Maintain and develop features for existing products
- Support all operational technical components
- The technical nucleus of the company
- Continuous improvement development and technical support for manufacturing and shipping

### **ROLE SUMMARY**

The Electrical Engineer is primarily responsible for the design, layout and testing of electronics for products and any fixtures that are needed to produce or test them. This role also performs basic statistical analysis of product output data.

### **RESPONSIBILITIES AND DUTIES**

- Design and layout of PCBs for products or test fixtures
- Assembly and testing of PCB prototypes
- Analysis of power meter data
- Documentation
- Other duties, relevant to the position, shall be assigned as required

### **QUALIFICATIONS**

- Bachelor of Science in Electrical Engineering
- A minimum of 2 years experience in electrical engineering, PCBA design and data analysis
- Basic soldering skills
- Familiar using PCB CAD software
- Demonstrable aptitude for problem solving
- Ability to work well under pressure and meet set deadlines

### **WORKING CONDITIONS AND ADDITIONAL DETAILS**

- Requires working a blend of on-site at the company's office in Cochrane (during assembly and testing prototypes) and remotely from home (during design phases)

- COVID-19 procedures in place and require all requirements and safety procedures to be followed

Please email [hr@4iii.com](mailto:hr@4iii.com) with a cover letter and resume. We thank all applicants for their interest, however, only those selected for an interview will be contacted. For more information please visit [www.4iii.com](http://www.4iii.com).