KONNECT

Company Information

Konnect Adventure is a Canadian company that designs, manufactures, and markets audio communication solutions to outdoor adventure sports such as skiing, snowboarding, cyclists, e-biking, paragliders, ATV/UTV, snowmobiling and off-road motorcyclists. Leveraging our patented technology, we are undertaking a next generation design, utilizing the latest emerging technologies. This new design architecture will greatly improve team backcountry safety and their team experience.

Konnect Adventure is located in Calgary, Alberta, Canada, right on the doorstep of the best outdoor adventure locales in the world.

The Opportunity

We have openings for energetic and focused **Embedded Software Developers** with a passion for crafting reliable software. This is a great opportunity for developers who love to work on tangible hardware products, and see their work make an impact in the marketplace.

Responsibilities and Duties

- Develop, test and debug firmware for our line of adventure audio products.
- Support development of a robust messaging architecture.
- Implement manufacturing testability into the product firmware.
- Work with the team to present design proposals and seek consensus.
- Develop test plans and supporting documentation.
- Have fun yet remain focused on team success and rapid quality delivery of our products into the marketplace.

Qualifications and Skills

- University degree in Engineering, Computer Sciences, or any related field
- Working knowledge with real-time operating systems such as FreeRTOS and Zephyr
- Strong proficiency in C programming, ideally in Arm-Cortex M4F/M33F chipsets
- Demonstrable comfort with development tools such as debuggers, logic analyzers, oscilloscopes, etc...
- An interest in adventure, technology and can empathize with customer needs.
- Strong communication skills, both verbal and written.
- Strong ability to be self-driven to hit deadlines and manage complexity.

Other Desirable Skills

- Experience with Bluetooth Low Energy technology
- Experience with sensor technology and algorithms (IMU, accelerometer, gyroscope, …)
- Exposure to Raspberry Pi, Flutter/Dart languages, Protobuf.
- Interest and/or experience with VHF/UHF radio technology.
- Experience with seeing products through all stages of development, including high-volume manufacturing.
- Comfort with design and/or integration of audio DSP algorithms

If you are intrigued by this opportunity, please email **jobs@konnectadventure.com** with a cover letter and resume. We thank all applicants for their interest, however, only those selected for an interview will be contacted.

KONNECT ADVENTURE
TECHNOLOGIES INC