



Job Title: Electronics / Field Operations Technologist
Location: Victoria, British Columbia

The Company

Fare Logistics is a small entrepreneurial technology company growing quickly in the transit industry. We are involved in the design, manufacture and service of leading edge fareboxes, ticket vending machines and backend operational software for the North American market. Our products and systems provide robust, fault-tolerant, real-time data collection in the field supported by back end data analysis and reporting tools.

Job Summary

We are looking for a keen individual, interested in working in a dynamic, project-oriented environment. The ideal candidate will have a solid background in analog and digital circuit design and firmware. The job will be a dual-role position, supporting the electrical engineering department, as well as providing field and shop support.

Design engineering duties will include PCB layout, prototype assembly, component selection, and test development and execution.

Field and Shop support will include RMA repairs, prototype assembly, field support for customers, and support for demonstrations. Candidate will help support and participate in the inspection of off-site product manufacturing in USA.

The job will require travel in Canada and the USA for project support and customer demonstrations with sales personnel. A valid driver's license is required.

Ideally, the candidate will be located in Victoria or the surrounding area.

Skills

- **Analog and Digital Design:**
 - Strong knowledge of circuit/schematic generation and simulation using ORCAD or Protel.
 - Experience in Digital & Analog circuit design and PCB layout using ORCAD or Protel.
 - Experience with prototype assembly, troubleshooting and testing.
 - Experience with mass production design requirements, documentation and testing.
- **Firmware Development:**
 - Knowledge of firmware programming in C/C++ for microcontrollers in an IDE
 - Experience using a shared code base with commented maintainable code
- **Communications:** I2C, SPI, RS232, J1708 and serial communication protocols
- **Devices:** *One or more of* - Smart Readers/Writers, Magnetic Stripe Readers/Writers, Barcode Readers, Barcode Printers, GPS units, Validating Coin Acceptors, Validating Bill Acceptors, RF antenna/readers, motors/solenoids, various sensor technologies.
- Excellent interpersonal, written and verbal communication skills.
- Team player, self-motivated, organized and customer-focused.
- Good interpersonal and communication skills

Qualifications

- Diploma in Electronics Technology or equivalent, with 3-5 years experience in analog and digital electronics design and firmware programming or equivalent combination of education and experience.
- Strong mechanical aptitude
- Excellent interpersonal and communication skills
- "Customer comes first" attitude
- Represent Fare Logistics in a professional, knowledgeable and courteous manner

Remuneration

Competitive salary and bonus plan consistent with the experience of the individual.

Response Information

Please send email to jobs@farelogistics.com or Fax: 250-360-0066

We thank all applicants, but due to the number of submissions, only those people selected for an interview will be contacted.