



Position: Embedded System Programmer

Company Description

Digicharm is specialized in the development of a new advertisement and promotional media based on autonomous, low power wireless display devices. Applications include in-store displays, electronic price tags, and more.

Position – C firmware programmer

- Design and implement a modular, maintainable, expandable and documented firmware application stack
- Program in C on microcontroller platforms (32-bit ARM 7 and 8-bit Freescale HCS08)
- Develop graphic and video applications on small-size graphic LCD displays
- Develop wireless communication using new 802.15.4/Zigbee technologies
- Interact with software team to interface with the software platform (networking, file formats)
- Demonstrate a high level of initiative and autonomy in a small fast-paced R&D team

Requirements

- A minimum of an undergraduate degree in a relevant program
- A minimum of 5 years of industry experience in embedded system development
- Excellent C programming skills
- Excellent knowledge of 8-bit and 32-bit microcontrollers
- Good knowledge of networking
- Basic knowledge of computer graphics
- Good documentation skills
- Organized and autonomous
- Good communication skills in English and French are required (must be bilingual).
- Willing to learn
- Interested in working in a small and highly dynamic team
- Knowledge of assembler and/or Java is a plus

Position

Terms of Employment: Full time

Anticipated Start Date: Immediately

Location: Montreal