

Embedded software developer

About us

Sinopé Technologies is a Quebec based company that specializes in energy efficiency. Our connected products can be found in your homes, condos, restaurants and hotels. Temperature control, lighting, water damage protection systems... our portfolio includes more than 40 products and is still growing. Our engineering department designs the products from A to Z, including mechanics, electronics, embedded software, cloud servers and mobile applications. Our products are connected to many platforms including Apple HomeKit, Google Home, Amazon Alexa and are used by thousands of users every day.

Job description

All our products have between 1 and 3 microcontrollers depending on the level of complexity. We are looking for an embedded software developer to participate in the design of new products. Junior and senior positions are available.

Responsibilities

- Develop embedded software for microcontroller in C/C++ for IOT products
- Participate in the development of the software architecture
- Research and define new technology areas
- Design functional test plans and procedures for software qualification;
- Ensure that software meets applicable quality, reliability and security standards;
- Participate in multidisciplinary project meetings
- Participate in continuous improvement processes, sprint planning, scrum meetings, etc.

Requirements

- Smiling and positive person
- Bachelor's degree in engineering or DEC in electronics/software with significant experience
- Excellent knowledge of C or C++ programming on microcontrollers

Assets

- Basic knowledge of electronics
- Knowledge of the ARM cortex-M architecture;
- Knowledge of FreeRtos

- Knowledge of RF communication protocols implementation (Wi-Fi, Zigbee, etc.)
- Functional English

Benefits

- Social club: various activities and surprises organized every month
- Flexible schedule
- Telework possible
- Quality of life: healthy and stimulating work environment focused on work-family balance and employee well-being
- Group insurance
- Employer's participation in the Retirement Savings Plan (RSP)
- Training and professional development
- Workplace bordered by the *Route Verte* bicycle path
- Employee discount program

Date of entry: as soon as possible

For more information, visit <https://www.sinopetech.com/en/career/>