

# SENIOR SOFTWARE ENGINEER

(EMBEDDED SYSTEMS)

RIF.: IT-013



JOB OPPORTUNITIES

## DESCRIPTION

Our Client is an innovation and quality private company, leader operating in the international market of microelectronic components with offices around the globe, including the Americas, Europe and Asia. For its Research & Development department we are searching the following (new) position Senior Embedded Software Engineer

## QUALIFICATIONS – EXPERIENCE - SKILLS

- BSc or MSc in Electrical Engineering, Computer Engineering, Computer Science, or equivalent
- Minimum 5 years of proven working experience in C, C++ for embedded systems
- Good understanding of real time operating systems, concept, design and patterns
- Experience in Testing and Firmware quality assurance incl. Real time debugging
- Knowledge of digital electronics, ideally STM@ microprocessor family
- Good understanding of object-oriented design and application level software development is a plus
- Good understanding of MATLAB is a plus
- Good communication skills, team player, pro-active, experience in leading projects
- Knowledge of Linux kernel is a plus
- Knowledge of IoT, low power network and low power devices is a plus
- Excellent English, written and spoken
- Willingness to travel occasionally

## MAIN TASKS & RESPONSIBILITIES

The new Senior Embedded Software Engineer will be responsible for the design, implementation and life-cycle management of all Embedded Software projects managed by the company, from planning to roll-out. Responsible for the following tasks:

- Technical reference person for R&D division
- Develop and maintain embedded systems
- Design and implement firmware applications for STM@ family or similar
- Application level programming of RFID systems
- Work with the team on the design of digital and RF analog HW
- Test Firmware using debuggers, emulators, simulators and logic analyzers
- Coordinate and manage tasks around real-time programming
- Investigate on quality issues and non-conformities
- Support Product management and if needed talk directly with customers on their needs

## LOCATION & JOB CONTRACT INFO

CH – Lugano Nord, 100% (full time) – Permanent Job Contract

Please send CV (with current photo) by e-mail to [luca.frigerio@4uc.ch](mailto:luca.frigerio@4uc.ch), showing the Ref. **IT-013**; **as stated in the EU Directive 2016/679 (GDPR), please clearly consent** to the treatment and processing of personal data present in your CV, for the Personnel Research and Selection exclusively purposes. Please also be kindly informed **we will not be able to process your application without your explicit consent**; this consent may be revoked at any time by writing to: [info@4uc.ch](mailto:info@4uc.ch). Finally, we will get in touch with you by when your profile will match with the posted vacancy.