



Company leader in the fields of miniaturization and complex medical systems recognized internationally for its competencies in design, development, industrialization and production in medical device markets, is looking for a

Embedded Software Engineer in Research & Development

Based in its headquarters in Switzerland, Lausanne region

You are looking for new challenges with the willingness to invest in our Research & Development department and to strengthen the engineering team.

ESSENTIAL RESPONSIBILITIES:

Join our R&D team in software development to support medical device innovation, proof of concept, design, development, industrialization and manufacturing.

Plan, organize and ensure the realization of engineering tasks entrusted to you.

Search and implement the best solutions to answer requirements.

Monitor the progress of each task across mainly, but not exclusively, controlling costs, quality and deadlines.

Your tasks completion will enable new technologies and applications to reach healthcare professionals and patients.

Profile:

- Master's degree in computer science or electronic engineering or equivalent
 - Successful experience of 5 years in development (C/C++) of embedded firmware for medical device
 - Experience in multithreading development
 - Experience in object-oriented development and UML knowledge
 - Experience with python, CVI or QT development is a plus
 - Experience with STM32 or Nordic is a plus
- Experience with I2C, CAN or BLE
- Experience with SVN, Git or similar version control system
- Experience with static analysis is a plus
- Experience in medical firmware documentation (requirements, architecture and detailed design) is a plus
- Experience in medical firmware verification (unit, integration and system testing) is a plus
- Experience in risk analysis and design FMEA is a plus
- Understanding of medical device development constraints
- Knowledge in applicable norms: ISO 13485, IEC 60601, IEC 62304, 21CFR-part 11, CE & 510K marking is a plus
- Knowledge in electronic schematic (review)
- At ease in both Windows and Linux environments
- Creative, solution-oriented, rigorous and taste for challenge
- Languages: French, English (B2)
- Ability to work in a team, good communication

We offer:

- The chance to evolve in a company at the service of life.
- Great social's benefits

Entry: Immediately or to be defined

Interested? Do not hesitate to send your CV to:

Valtronic Technologies (Suisse) SA Route de Bonport 2, 1343 Les Charbonnières

Or mailing to: infoRH@valtronic.com