

Junior Embedded System Engineers for Lymphatica Medtech

Lymphatica Medtech SA

Lymphatica Medtech is a pioneer in implantable systems for lymphedema treatment. Spin out of EPFL and CHUV in 2017, the growing company has received national and international recognitions for its breakthrough approach.

We work in a competent and motivated team, implementing an ambitious project to have a significant impact for lymphedema patients and society as a whole.

Job Summary

Location: Milan – Italy

Lymphatica is looking for two Junior Embedded System Engineers to contribute to the development, testing and refinement of the Firmware to control the wearable component of a Class 3 medical device.

The Junior Embedded System Engineers will join the R&D team and contribute to firmware development. As part of working in a cross functional technical environment, this job requires coordination with the other members of the R&D team, external prototyping and manufacturing suppliers, business partners and final users to ensure project success.

The job location will be Milan city center, with possibility of partial remote working, and will require sporadic travelling to the company headquarters in Lausanne (Switzerland).

Responsibilities

- Design and development of hardware and embedded software for medical electronic devices.
- Testing, debugging, and optimization to ensure robust and reliable performance.
- Involvement in the full development-cycle, from system level and concept thinking to testing and verification.
- Collaboration with other experts within the team to combine hardware and software.
- Writing of technical instructions and records according to Lymphatica's Quality Management System
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Qualifications & skills

- Electrical engineering or computer science diploma, or equivalent degree.
- At least 2 years of experience in embedded systems development
- Previous experience in the field of medical devices is a plus.
- Familiarity with ECAD software (KiCAD, Altium).
- Familiarity with (embedded) C.
- Familiarity with Test Driven Development Methodology is a plus.
- Basic knowledge of back-end and front-end programming languages
- Test Equipment understanding (signal generator, power meter, oscilloscope, etc.).
- Excellent communication skills
- Strong problem-solving and teamwork skills
- Familiarity with Android mobile app development is a plus
- Familiarity with ISO 62304 and ISO 60601 standard series is a plus.
- Proficient written and verbal communication in English and Italian. French is a plus.

How to Apply

Please submit your CV and cover letter to contact@lymphatica.ch. We look forward to reviewing your application!