

For its site in Cressier (Fribourg), Bio-Rad is looking for a:

BIO-RAD

Senior System Engineer (100%)

Bio-Rad is an innovative company and thanks to its laboratory diagnostic systems, world leader in the field of blood group serology.

Your tasks

- Participate in high level analysis of business problems and user needs.
- Provide support to the project managers during the design phase to reach deadlines, cost, and quality goals. Propose cross-functional trade-offs between subsets of the following dimensions: performance, schedule, cost, risk, complexity, and scale.
- Establish the product development requirements according to high-level marketing requirements and regulatory constraints. Identify missing requirements and incomplete designs for existing systems. Accountable that the requirement management process is followed and that proper traceability is built and maintained.
- Ensure that the interactions between the various sub-systems (biological products, instruments, software's) are clearly defined. Expand and explore the design space for complex, multidisciplinary system problems, and build quantitative models and systems analyses to evaluate solution alternatives.
- Propose/participate to technical design choices, organize and lead the design reviews. Being able to Identify changes to the system architecture and allocations across sub-systems and components that improve system performance, robustness, extensibility.
- Pilot of problem solving, capable to Break down and frame complex system problems to reduce ambiguity and complexity for technical teams and decision makers (written and verbal),
- Actively contribute to establish integration, verification, and validation plans.
- Pilot the technical project/product risk analysis. Perform technical risk assessments and define mitigations, identify potential failures modes or shortcomings of designs, and establish test strategy.

Your profile

- You hold a Master Degree Master in biology/biomedical or an equivalent qualification.
- You have 10+ years in Systems Engineering or on Software/Hardware specification, development, Verification & Validation of complex systems.
- It will be a plus if this experience has been acquired in an In Vitro Diagnostic (IVD) company.
- You like to work in an international environment and are prepared to travel within Europe occasionally.
- You are fluent in English and have good French knowledge.

Our company is involved in the supply of high-quality products and services intended for diagnostic laboratories. Independence, innovation and commitment are the fundamental values that permeate our company culture, as well as a strong orientation towards our customers and a multicultural environment.

If you feel attracted to this unique opportunity and you would like to take on new challenges, we would like to get to know you. Please forward your complete application (application letter, CV, copies of work certificates and diplomas/degrees, etc.) to the address given in the advertisement.

Bio-Rad Laboratories

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Human Resources
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www.bio-rad.com/careers