

Senior Engineer - Automation (Pharmaceutical Research).

Job ID
REQ-10045608

4月 15, 2025

Switzerland

摘要

Entwicklung und Wartung von Automatisierungshardware, -software und -prozessen, die diese Geräte verwenden, um komplexe Experimente durchzuführen, die mit herkömmlichen Labortechniken nicht durchgeführt werden können. Führt Programmierung und Analyse für Robotik durch. Bietet Unterstützung für High-Through-Put Compound Screening und andere Assay-Techniken, wie entwickelt und benötigt. Unterstützt, entwickelt und initiiert die Automatisierung wissenschaftlicher Prozesse und Programme. Kann System und Prozesse validieren.

About the Role

Your responsibilities:

- Provide technical support on laboratory automation systems in close alignment with the local operators.
- Analyze processes, software and hardware issues and identify root causes of malfunctions,

seek advice from vendors or experienced co-workers when required and conduct repairs in alignment with team or vendors where applicable

- Set up and manage vendor onsite interventions and preventative maintenances
- Pursue open issues with vendors until resolved in timely manner
- Establish, monitor and maintain a stable and productive automation environment through QC, preventative maintenance and excellent documentation
- Plan, manage and execute automation projects from new devices, over upgrades to existing systems up to complex installations, in alignment with the local and the globally distributed team.
- Assist business with requirements engineering across functional units (Compound Management, IT)
- Assist business owners with business analysis and documentation in the specifying and planning of complex workflows and their automated execution.
- Assist business owners in the selection of adequate automation hardware (liquid handling and peripheral devices)
- Actively seek input and feedback from the Compound Management team members to identify gaps in processes or with existing automation platforms to elaborate and propose improvements
- Communicate transparently on all aspects of the daily work

Requirements:

- Degree qualified or equivalent in a relevant discipline with + 5 years ' experience in automation, ideally lab automation.
- Deep understanding of liquid handling principles and technologies, has multi-year experience with different vendors of liquid handling equipment (e.g., Hamilton, Tecan, CyBio, others)
- Has worked in or has lead projects for laboratory automation or equivalent
- - Experience with business analysis and can develop automation solutions
- IT friendly - profound understanding of software driving automated systems and liquid handling systems (Venus, Evo Ware, Momentum, Cellario, Green Button Go, etc.), databases, script and protocol programming
- You are not afraid to work with scripting or programming languages
- Open communication, self-motivated and self-organized, excellent team working skills and a flexible working perception are important
- - Languages: English, German, (French is a plus)

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部门

Biomedical Research

Business Unit

Pharma Research

地点

Switzerland

站点

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regul ä r

Shift Work

No

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