

Aston Life Sciences is the proud leading company in Consulting, Recruitment and Executive Search for Life Sciences industry in Switzerland. Part of Vulcain Engineering Group (+ 1'700 employees worldwide) through its Life Sciences branch Consultys, we are based in Switzerland and serve Eastern and Western Europe as well as North America. Life Sciences is our passion and we are committed to successfully support our clients in their quest to improve patient's health all around the world.

To be internally hired by one of the Medical Devices leaders in Switzerland, located in Bern and Solothurn area (Switzerland), we are looking for a:

## 4 Software Test Engineers Embedded Systems

*Bern and Solothurn area*

### Your role:

- **1 Software Test Manager Embedded Systems** *Main mission: Development and definition of test strategies for the verification of embedded software*
- **1 Team leader Software Testing** *Main mission: Team management of 7 Software testing experts*
- **1 Senior Software Test Engineer Embedded systems** *Main mission: Creation, implementation and documentation of verification tests for embedded SW*
- **1 Software Test Engineer Embedded systems** *Main mission: Creation, implementation and documentation of verification tests for embedded SW*

**Your role:** You will actively participate to create and implement verification tests (IBM ETM (RQM), TestNG, xUnit, Cucumber, GoogleTest, TPT) for Embedded Software linked with state-of-the-art Medical Devices. For these roles, you will have the opportunity to work with flexible working hours and with home office option.

### Your tasks:

- You develop manual and automated test cases with the help of suitable test frameworks (e.g., IBM ETM (RQM), TestNG, xUnit, Cucumber, GoogleTest, TPT) using the associated programming languages (Java, C / C ++)
- You create, maintain, implement and document verification tests for embedded software
- You ensure the SW test competence in the agile development team
- You setup and develop product-specific HIL test environments with debug and trace tools (Lauterbach) and microcontroller boards
- You participate in the development and expansion of an in-house test infrastructure for automated testing of applications (HW / SW)
- You expand specialist knowledge with regard to automated and cross-platform testing of software (Class IIb Medical Device) in cooperation with internal and external partners

**Your profile:**

- Completed Engineer degree (FH / ETH), specializing in electrical engineering, communications engineering, computer science or similar
- Several years of testing embedded software experience in C / C ++ within a regulated field
- Experience with automated test environments for embedded software or devices
- Good Java expertise
- Experience with agile project methods
- Further training in software testing is an advantage (e.g., ISTQB Certified Software Tester) and medical software (e.g., IEC 62304) is an advantage
- Pronounced team player in a small, multidisciplinary team
- Highly motivated to develop yourself and your work environment further
- Very good command of German and English

**Start date:** 1 July 2021

**Place of work:** Bern and Solothurn area