



Simplifying Progress

Software Developer/Engineer (m|f|d)

We are currently seeking a Software Developer/Engineer (m|f|d) for our Software Development department based in Jena (ALS Automated Lab Solutions GmbH). In this position you'll be a driving force in the continued development of the imaging software of our CellCelector system, a fully automated microscopic imaging and cell picking system with applications in cancer research, gene therapy and pharmaceutical drug discovery. In this role you'll bring together a wide variety of technologies.

What you will accomplish together with us

- You gather, analyze and define requirements for new complex software functionality with a focus on image analysis and cell detection with input from product managers, customer feedback, and internal product development teams
- You engineer and develop sustainable software systems by prototyping, software design, and participating in design reviews
- You write high-quality and maintainable code that is optimized for performance and memory usage
- You write comprehensive design, functional and quality assurance test documentation
- You implement automated testing at the unit and nightly regression framework levels
- You will take over the validation of software and hardware systems
- You will assist to technical support teams and product development teams as needed

What will convince us

- You have a university degree in Computer Science (desired focus on microscopic image processing), Computer Engineering or related fields
- You have several years of experience in developing algorithms and applications in microscopic image processing. Preferably also with artificial intelligence aspects
- You have good software technical knowledge and skills in C#, C/C++, XML
- You are familiar with development methods such as unit tests, clean code, etc.
- You are familiar with agile software development and a DevOps culture

- Knowledge in one or more of the following areas is desired: Windows Forms, WCF, WPF, SQL and database programming, hardware control/interfaces (serial, network, USB), graphical user interface development, memory and performance optimization, data analysis and visualization, graphics tools, and parallel programming
- You are motivated to continuously deal with new technologies
- Good oral and written communication skills in English. German skills are a plus
- Identification with our core values: Sustainability, Openness, Enjoyment

What we offer

Our ambition is to simplify progress in life science research and the biopharmaceutical industry to help translate scientific findings into new therapeutics faster and more efficiently. So that more people can obtain access to better medicine. More than 11,000 employees at more than 60 production and sales locations worldwide are committed to this vision. And together, we have grown strongly over the past years. Do you also want to contribute to our vision? Grow with us and benefit from working with a Global Player that has kept its familiar atmosphere:

- Opportunity for international career development: a global network offering seminars and training sessions, expert and manager career paths
- Open and highly collaborative culture: mutual support within teams and working as equals, team spirit and international collaboration
- Intelligent working environment: working in smart buildings with the latest technology and equipment
- Ambitious goals: Sartorius plans to double its sales revenue approximately every five years and expects to grow its global team to approximately 15,000 people in 2025.

We look forward to receiving your application.

www.sartorius.com/career