



# Amphasys AG

*Reinventing Single Cell Analysis*

We are a highly innovative and globally active high-tech company, specialized in cell analysis and currently focused on pollen quality analysis for the seed industry. We provide technology and services based on our patented microchip technology. For the development of the next generation platform and the expansion towards new application fields we are looking for a

## Software Engineer

with at least 3 years experience in software development in an industrial/commercial environment and a respective track record.

In this important and versatile function, you have the opportunity to leverage different technologies and to take over responsibility of present and future software components of our unique cell analysis devices. Your main tasks will include:

- development of instrument control and measurement software
- development of web-based user interfaces
- planning and implementation of unit and system tests
- documentation and version control of newly developed SW
- opportunity to interact with a multidisciplinary team, including sales, support, application scientists and external partners, and to constantly improve products and services.

You have a customer-oriented approach and outstanding analytical skills with a well-structured and independent working method. Your self-motivation and drive help you to work efficiently and reliably on a high-quality level. We expect the following qualifications for this position:

- Master in computer science or informatics.
- Experience in backend development on Linux systems, ideally in Python language and on Debian systems.
- Experience in frontend web development (HTML, JS, CSS technologies), ideally with ReactJS and RESTful API.
- Experience in C/C++ programming and UML modeling, ideally with GCC and IBM Rhapsody.
- Experience in code versioning with Git and software lifecycle processes, testing and CI/CD pipelines.
- Skills considered as a plus: Docker, networking, VHDL, cybersecurity, machine learning and neural networks.
- Excellent skills in English, preferably also German, other languages are of major advantage.

What we offer:

- A versatile work environment in a young, emerging company with an enthralling technological background.
- An interdisciplinary and exciting working atmosphere, close to the management, with the potential for professional development.
- A modern workplace at Technopark Lucerne with great infrastructure and easy accessibility.

Are you interested and committed to play a crucial role for the success of Amphasys? Then we are looking forward to receiving your detailed application including CV, cover letter, reference letters, and educational certificates, which you please send by e-mail to

[marco.diberardino@amphasys.com](mailto:marco.diberardino@amphasys.com).