



MaxWell Biosystems is a technology-focused biotech company based in Zürich, Switzerland, developing and selling high-content electrophysiology platforms to help our customers in the pharmaceutical industry and in academia make their drug discovery and research more efficient. We seek highly motivated and talented individuals who will contribute to shaping our future.

## Software Engineer C++ Internship (6 months)

At MaxWell Biosystems, we develop advanced instrumentation for neuroscience and life sciences applications. Our instruments consist of custom-designed CMOS-based sensor devices, a recording system with FPGAs and our software suite MaxLab Live. Our technology is used for drug discovery and for basic research.

Our sensors produce several 100 MB/s data which need to be analyzed and visualized by our software in an online manner. We are now implementing various data analysis and visualization routines to enhance user experience of our customers and to help them improve their research and drug discovery applications. For these activities we are seeking a highly motivated software engineer to help us on the backend to improve data processing and/or on the frontend with the user interface for data analysis and visualization.

### Your Profile

- Studies in computer science, electrical engineering, biology or related field
- Experience with C++ (C++11 and beyond) and Linux
- Enjoy working with Python
- Enjoy working in an interdisciplinary and international team
- Enjoy pushing technology to its limits

### You Get

- Working with cutting-edge technology
- Working on a modern C++11 code base
- Freedom to come up with and work on your own ideas
- Be part of a fast-paced technology startup at the intersection between biology, engineering and data science

Are you motivated, innovative and committed to delivering first-rate performance? Have you ever wanted to work with cutting-edge technology involving both engineering and biology? Do you enjoy working in an international, multidisciplinary, and interactive team? Then we might have an internship for you. Join MaxWell Biosystems in innovating the future of electrophysiology for drug discovery and basic research.

Jan Müller looks forward to receiving your application documents by email at [hr@mxwbio.com](mailto:hr@mxwbio.com) (cover letter, CV).