



MaxWell Biosystems is an electronics-focused biotech company, developing and selling advanced cell imaging platforms helping our customers in the pharmaceutical industry and in academia to make their drug discovery and research more efficient. We are a young ETH Spin-off company, seeking highly motivated and talented individuals who want to contribute in shaping the future of drug discovery.

## R&D Engineer Intern

(5-12 months)

The core of our technology is a bio-sensor made out of a custom designed integrated circuit (ASIC) chip. The technology is used in drug discovery and to investigate brain cells at unprecedented detail and spatial-temporal resolution. Our first product was launched already two years ago and is successfully in use with many customers. We are now developing our next line of product, integrating multiples of our bio-sensor chips into a single readout plate. Thus, providing much higher throughput for our customers and accelerating their drug discovery process.

The internship project potentially involves a broad variety of tasks and challenges. Ranging from mechanical designing of the readout plate to testing electrical readout circuits and collaborating with hardware suppliers but also visual designers. We are seeking a highly motivated engineer to implement and work on some of these challenging tasks.

### Your Profile

- Bachelor or Master studies in mechanical or electrical engineering, physics or computer science
- Experience with 3D CAD tools
- Basic knowledge with electronics or PCB design is a plus
- Interest in the field of neuroscience and biotechnology

### You Get

- Working with cutting-edge technology
- Freedom to innovate and push your own ideas
- Be part of a fast-paced technology startup at the intersection between biology and engineering

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 a position 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 (cover letter, short CV) by email at [jan.mueller@mxwbio.com](mailto:jan.mueller@mxwbio.com).