



MaxWell Biosystems is an electronics-focused biotech company based in Zürich, Switzerland, 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 seek highly motivated and talented individuals who want to help shape our future.

Senior R&D Engineer (100%)

At MaxWell Biosystems, we develop advanced instrumentation for neuroscience and life sciences applications. Our instruments consist of CMOS-based sensors integrated into custom plastic well-plates, a recording system with electromechanical components and FPGAs, as well as software for data acquisition and analysis. We are looking for a senior R&D engineer to strengthen our team and to help us develop the next generation of our instruments.

Your Responsibilities

- Plan and execute R&D projects
- Design and assembly of prototypes, with focus on mechanical and material aspects
- Independent execution of systematic tests
- Optimise products for manufacturability
- Qualify products for market launch
- Monitoring and evaluation of process-relevant key figures
- Documenting test methods, results, and project progress
- Reporting to CTO

Your Profile

- Bachelor's, Master's or PhD degree in material science, mechanical engineering, process engineering, biomedical engineering, micro technology, or a related field
- 3 years or more industry experience
- Experience with CAD tools
- Experience with test engineering is a plus
- Good understanding of technical systems
- Solid programming experience (e.g. Python and git)
- Experimental skills and enjoy hands-on tasks
- Broad technical expertise and experience in the field of measurement technology
- Excellent problem solving skills
- Fluent in English and German
- Ability to work independently and within a team environment

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, resume, letter of recommendation and degrees including transcripts) by email at hr@mxwbio.com.