



MaxWell Biosystems is an electronics-focused biotech company based in Basel, 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 are a young ETH Spin-off company, seeking highly motivated and talented individuals who will contribute in shaping our future. Work place is Zurich and/or Basel, Switzerland.

Data Scientist / Algorithm Engineer

(Internship 6-12 months)

Our innovative electrophysiology platform measures vast amounts of data from neuronal tissue. Due to its high spatial-temporal resolution, our technology can record data with many unique features, such as complete network activity, single-cell action potentials and axonal signals. These unique features allow us to extract novel and more accurate biomarkers which enable faster and more reliable drug discovery than traditional technologies.

To strengthen our data analysis team, we are now looking for a highly motivated data scientist or engineer who supports us in developing efficient algorithms for analyzing and visualizing the data features.

That's the Job

- Analyze previously recorded datasets and identify relevant features
- Contribute to our Matlab and Python toolboxes for data analysis and visualization
- Develop algorithms to classify between healthy and disease model datasets

You

- have a university degree (BSc / MSc) in electrical engineering, physics, computer science or related
- enjoy solving complex problems and teamwork
- are experienced with Matlab and/or Python programming
- are motivated to make a significant contribution to the success of our company

We offer you

- The opportunity to strengthen your data analysis skills
- Working with cutting-edge technology
- Freedom to innovate and push your own ideas
- Be part of a fast moving and driven technology startup team

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.

David Jäckel looks forward to receiving your application documents (cover letter, resume, letter of recommendation and degrees including transcripts) by email at hr@mxwbio.com.