

Department	Bioinformatics
Period	Starting date: Q2 2021
Company	Biognosys AG
Location	Wagistrasse 21 8952 Schlieren Switzerland
Contact	Timothy Man Telephone: +41 (0) 44 738 20 40 Email: timothy.man@biognosys.com

Bioinformatics Intern in Deep Learning, 100%

BIOINFORMATICS | NEXT GENERATION PROTEOMICS | RESEARCH & DEVELOPMENT

Biognosys is the leading company in next generation proteomics. We offer services and products for precise, high-content protein quantification. Biognosys was founded in 2008 as a spin-off from the ETH Zurich in Switzerland. Located within the Bio-Technopark in Schlieren just outside of Zurich, we operate our own state of the art proteomics facility, providing services to pharma, biotechnology, agriculture and life science companies worldwide.

Our technology quantifies proteins with unbeatable precision and depth. Biognosys' mission is to make next generation proteomics widely available through our contract research services and our portfolio of innovative reagents and software products.

THE OPPORTUNITY

Deep Learning has been revolutionizing many industries since its inception, including quite recently proteomics. After a very successful integration of deep neural network models in our flagship software products, we are ready to develop next generation applications based on state-of-the-art deep learning research. As a bioinformatics intern in deep learning, you will help to design, implement, and train deep neural networks in a research-driven environment with a heavy application focus. You will be embedded in a cross-functional team of bioinformaticians and proteomic experts for 8-12 months, giving you the opportunity to learn a wide variety of skills.

THE PROFILE

- Bachelor's or Master's degree in (Systems) Biology, Bioinformatics, or Computer Science
- Knowledge of at least one programming language, Python preferred
- Experience or provable interest in machine learning and deep learning
- Experience or provable interest in biological datasets
- Resourceful self starter and independent thinker
- Proteomics and/or mass spectrometry experience a plus
- Software development experience a plus
- PyTorch experience a major plus

WORKING at BIOGNOSYS

We offer a dynamic work atmosphere in a young and motivated team. You will profit from an open and flexible company structure where personal initiative is appreciated and encouraged. Biognosys is backed by strong investors and offers the opportunity to grow together with the company in a promising and innovative market.

TAKE THE STEP

Please send your full application to timothy.man@biognosys.com. For further information please visit www.biognosys.com.