

Neuroscience & Data Science Intern

fNIRS / EEG Studies · 6-Month Internship

Location: Zurich | **Type:** 6-Month Internship (Full-time) | **Start:** As soon as possible

ABOUT OPTOHIVE

optohive AG is an ETH Zurich and USZ spin-off building next-generation wearable fNIRS systems for neuroscience and clinical applications. Our technology enables portable, high-density brain imaging for research and clinical use. We are growing our team and looking for a hands-on Neuroscience & Data Science Intern to drive our measurement and analysis activities.

ABOUT THE ROLE

This is a 6-month, full-time internship in which you will be embedded in our neuroscience team and gain hands-on experience across the full measurement and analysis workflow. You will support the planning and execution of fNIRS and selected EEG measurements, help ensure high-quality data collection, and contribute to the subsequent data analysis. You will work closely with our senior scientists and learn to operate cutting-edge brain imaging technology.

KEY RESPONSIBILITIES

- Plan and coordinate fNIRS and selected EEG measurements with study participants
- Perform measurements and ensure consistently high data quality
- Train and supervise students and interns supporting measurement activities
- Help design experimental tasks and measurement protocols
- Process, analyze, and visualize fNIRS and EEG data
- Develop reproducible data analysis pipelines
- Identify relevant brain activity patterns and features
- Work closely with our neuroscience, hardware, and software teams

YOUR PROFILE

- Currently pursuing or recently completed an MSc in neuroscience, biomedical engineering, data science, computational neuroscience, or a related field
- Strong data analysis and programming skills, preferably Python
- Experience with neuroimaging, fNIRS, EEG, physiological signals, or similar measurement data
- Good understanding of experimental design and statistics
- Hands-on, structured, and comfortable working with study participants
- Experience with fNIRS, EEG, signal processing, or machine learning is a strong plus

WHY JOIN US?

A unique internship at the intersection of neuroscience, data science, and wearable brain imaging, with real responsibility and the opportunity to contribute to how we design experiments, collect brain data, and translate them into meaningful insights.

- Gain hands-on experience in a deep-tech medtech startup
- Direct collaboration with the founding team and leading Swiss research institutions
- Flexible, hybrid setup in Zurich
- Hands-on work with cutting-edge brain imaging technology
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HOW TO APPLY

Send your CV and a short note on your neuroscience and data analysis background to info@optohive.com with the subject: "Neuroscience & Data Science Intern".

Let's redefine brain imaging together!

