optohive ⬡

About Optohive

Optohive is an ETH Zürich and University Hospital Zurich (USZ) **spin-off** at the forefront of **wearable brain imaging technology**. Our cutting-edge system is revolutionizing neuroscience research and clinical applications by delivering high-reliability and high-usability brain measurements.

We're looking for an **Embedded Engineer** to help shape the intelligence behind our wearable neuroimaging devices. If you're passionate about embedded systems, wearables, and innovative healthcare solutions, this is your opportunity to make a real impact.

Embedded Engineering Internship

Location: Zurich
Start Date: as soon as possible
Typ: Internship

Your Mission
- Develop embedded software for real-time data acquisition and device control.
- Optimize firmware performance for power efficiency and reliability.
- Integrate sensors, communication modules, and hardware components.
- Collaborate closely with hardware and software teams to deliver seamless system integration.
- Support testing, validation, and debugging of embedded systems in lab and real-world settings.

Your Profile
- MSc or BSc in Electrical Engineering, Computer Engineering, or a related field.
- Solid experience with embedded C/C++, microcontrollers, and real-time systems.
- Familiarity with low-level interfaces (I2C, SPI, UART) and sensor integration.
- Enthusiastic about innovation, fast iteration, and building robust systems from scratch.
- Interest in wearable technology, neuroscience, or medical devices is a strong plus.

Why Join Us?
- Cutting-edge Innovation – Work on groundbreaking neurotechnology with real-world impact.
- Collaborative Team – Be part of a fast-growing startup driven by experts in engineering, AI, and neuroscience.
- Hands-on Experience – Gain practical skills in mechanical design, prototyping, and manufacturing automation.

How to Apply
Send your CV & portfolio to michael@optohive.com with the subject: "Embedded Engineering Internship".

Let's redefine brain imaging together!

optohive AG
Michael Wyser
Lengghalde 5
8008 Zurich, Switzerland
michael@optohive.com

www.optohive.com/careers