



Paid Internship - Automation of an Optical Probing Setup

Versics AG, founded in 2022, is a deep-tech spin-off from ETH Zurich commercialising innovative photonic technology based on Thin-Film Lithium Niobate (TFLN) that impacts how we communicate. Versics AG is a vertical integrator of TFLN optical communication devices. Vertical integration means we manufacture our photonic products from design through microchip fabrication, photonic assembly, and reliability testing before shipment. We are already working with telecom market leaders to improve how we exchange data on Earth and in space.

About the paid internship

During this internship, you will work with the Versics team to improve our optical probing setup for characterising integrated photonic circuits, with an emphasis on automating optical measurements to facilitate high-throughput device and production testing. The project gives you the opportunity to:

- Work with an optical characterisation setup for integrated electro-optic devices, including equipment like micro-positioners, lasers, power meters and more
- Automate optical measurements for high-throughput testing
- Analyse experimental data, including data visualisation and documentation
- Develop a graphical user interface for measurement procedures and data visualisation
- Expand skills and knowledge in high-speed electro-optic devices and optical communication

Your Profile

- Strong interest in photonics and optical communications
- Programming skills in Python
- Experience in lab automation is a plus
- Motivated to solve technical challenges
- Good communication skills
- Available starting date between March and May 2026

What Versics offers

- Internship salary
- Dynamic startup environment
- Well-equipped optical labs with state-of-the-art equipment, located in Wallisellen, Switzerland
- Flexible working hours and the possibility of part-time remote work

Please send your application and questions related to this internship position to hello@versics.com using the subject 'VER-Internship-2026-01'.