



Paid Internship - Automated Characterisation of High-Speed Electro-Optic Devices

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 on the characterisation of high-speed electro-optic devices. This includes optical, electrical, and electro-optic testing methods during production as well as final device characterisation, with an emphasis on automation to enable higher-throughput testing. This project will give you the opportunity to:

- Gain hands-on experience with high-speed electro-optic characterisation methods and equipment like vector network analysers, lasers, optical spectrum analysers and more
- Automate testing setups and procedures
- 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 communication
- 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-2026-02'.