



Internship - Automation of an Optical Probing Setup

Versics AG, founded in 2022, is a deep-tech spin-off from ETH Zurich building innovative photonic tech that impacts how we communicate. Versics AG is a vertical integrator of optical communication devices, meaning that we manufacture our photonic products from design to microfabrication, assembly, and testing until the shipping process. We are already working with telecom market leaders to improve how we exchange data on earth and in space.

About the project

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

- Work with an optical characterization setup for integrated electro-optic devices, including equipment like micro-positioners, lasers, power meters and more
- Automate optical measurements for high-throughput testing
- Analyze experimental data, including data visualization and documentation
- Develop a graphical user interface for measurement procedures and data visualization
- 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

What Versics offers

- Dynamic startup environment
- Opportunity to contribute significantly to our team
- Well-equipped optical labs with state-of-the-art equipment as well as office space, located in Opfikon, Switzerland
- Flexible working hours and possibility for part-time remote work

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