



## **Optics and Electronics Test Engineer**

Sicoya is a technology leader in silicon photonics-based interconnect solutions with headquarter in Berlin, Germany. We offer monolithically integrated semiconductor chips and transceivers for next generation data centers that are manufactured by CMOS foundries and Asian based contract manufacturers. The team consists of highly professional design engineers and managers with many years of experience in bringing state-of-the-art products to the market.

As an **Optics and Electronics Test Engineer** at Sicoya, you will work in a highly international environment. You are involved in the design and the development of the next generation of optical transceivers.network.

Start: asap

Employment: Full time

Experience: 3+ years of experience

Contract: permanent

### **Your tasks:**

- Design and execution of optical and electronic tests on fiber optics communication systems at 25 Gb/s and 100Gb/s
- Automatization of test setups via software
- Definition of optical and electronic measurement protocols according to IEEE standard requirements
- Close collaboration with system design and operation teams
- Documentation and reporting of test-sets

### **Required profile:**

- Master's degree in Electrical Engineering, Computer Science or Physics
- Thorough, in-depth knowledge of optical and electrical testing techniques. Experience in the telecommunication industry is an asset
- Knowledge of lab equipment as sampling and real-time scopes, spectrum analysers, BER testers, Arbitrary waveform generators and VNA
- Sound expertise in software programming in one or more programming languages as Python, Matlab and Labview
- Proactive problem solving skills
- Team player that thrives in a dynamic working environment
- Professional working proficiency in English is mandatory and knowledge of German is an asset

### **What we offer:**

- High degree of personal responsibility within a flat company hierarchy
- Ambitious internationally expanding team
- Various future career opportunities for every career level
- An inspiring working environment with flexible working hours, lounge area, free drinks & fruits
- Fascinating opportunity in an international high-tech environment in Berlin



Are you interested in working with us? Then we may just be waiting to hear from you. Please send us your CV and a motivation letter by email to: [jobs@sicoya.com](mailto:jobs@sicoya.com)

Sicoya is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to gender, race, color, ethnicity, national origin, religion or belief, sexual orientation, disability or age.