



Transceiver 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 a **Transceiver Test Engineer** at Sicoya, you will dive into a unique challenge, as you are involved in the design and the development of the next generation of optical transceivers.

Start: asap

Employment: Full time

Experience: 3+ years of experience

Your tasks:

- Define and implement testing and validation strategies for next generation 100/400 Gb/s silicon photonics products at the chip and module level
- Keep up to date with the relevant standards and define DVT strategies accordingly
- Provide feedback and interface with the design, hardware, firmware and process development teams for prototype and product development
- Evaluate testing instrumentation for R&D measurements and manufacturing test stations
- Write and maintain test reports and test guidelines to be implemented in the pilot line and in manufacturing test stations
- Continuously improve test procedures to optimize manufacturing throughput and accuracy

Required profile:

- Master's degree in Electrical Engineering or equivalent education
- Minimum 3 years of relevant experience
- Extensive experience with testing of photonic components or modules at 25 Gb/s and higher
- Experience with design and implementation of automated testing solutions for optical transceivers
- Experience in software development for ATE, Labview preferred
- Experience in debugging and failure analysis techniques of prototypes and products
- Strong understanding of optical communication standards
- Understanding of processes involved in optical chip and module assembly, alignment and burn-in processes
- Understanding of PCB design and related testing procedures
- Understanding of control algorithms and firmware-controlled systems

What we offer:

- High degree of personal responsibility within a flat company hierarchy
- Ambitious internationally expanding team
- Various future carrier opportunities for every career level
- A Relaxed and inspiring working environment with flexible working hours, lounge area, free drinks and 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

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.