sicoya

Embedded Software Design Engineer

Sicoya is a technology leader in silicon photonics based interconnect solutions with headquarter in Berlin, Germany. We offer monolithically integrated transceiver chips for next generation data centers. 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 **Embedded Software Design 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: a.s.a.p.
Employment: Full time
Experience: 3+ years of experience

Your tasks:
- Microcontroller firmware design. Implementation of digital control loops and communication interfaces with various peripherals.
- Software development to build modular and high-quality communication interfaces
- Close collaboration with the Hardware development and quality assurance teams
- Testing and documentation

Required profile:
- Master's degree in Electrical Engineering or Computer Science with related experience in embedded software design and coding
- Thorough, in-depth knowledge of embedded and real-time software programming concepts and best practices
- Expertise in C embedded programming and knowledge of Xilinx Zynq family & TI MSP toolchains is an asset
- Strong background in object oriented programming. Knowledge of C# and C++ is an asset
- 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
- Exciting and varying tasks
- Ambitious team that is working together for more than 10 years
- Flexible working hours, free drinks and fruits
- Fascinating opportunity in an international high tech start-up environment in the middle of 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.