Test & Measurement Software Engineer (m/f)

We are looking for your experience and passion for developing new software products and services for multi-Gigabit data communication systems, for example for consumer electronics products such as smartphones or computers.

While data communication at more than 10 Gbits/s is just starting to become widespread, we at BitifEye are already working on test solutions for upcoming standards generations.

Our software products complement the premium, high-speed electrical test instruments, e.g. oscilloscopes and data generators, of our global partner Keysight Technologies. Our combined test solutions allow in-depth product testing and characterization, a decisive step for evaluating and debugging new electronic products fresh from the drawing board. With your work, you can help international technology leaders debug and validate products with incredible new capabilities way before they are available on the market.

At our site in Böblingen, close to Stuttgart, a highly motivated R&D team develops advanced new technologies and enables innovations for leading-edge applications, e.g. the testing of digital interfaces and media/cables for the semiconductor, consumer electronics, and automotive industries.

We are searching an additional member of our Computer bus development team to lay the foundations for the next-generation of our software dedicated to computer and Data Center applications. This will help our customers to create new, exciting products and to enter new markets.

Tasks:

- Operate as a full cycle SW developer: develop, document, test in the lab and support
- Work with Project Managers to define and understand the tasks to be implemented
- Work with SW architects to build the most flexible and efficient software
- Follow the software development quality process at BitifEye
- Collaboration with leaders of the IC and consumer electronics industries
- Occasional customer contact and international business trips
- Contribution to global industry standards committees such as the PCISIG

Requirements:

- Degree in electrical, communication or software engineering, computer science or similar
- Min. 5 years of professional experience in the semiconductor, telecom, consumer electronics or IT industry, or in related fields
- Fluency in a modern object-oriented programming language (C# preferred)
- Familiarity with test instruments such as oscilloscopes or network analyzers
- Experience with signal integrity, device characterization and electrical conformance or compliance tests
- Good communication skills
- Fluency in English (spoken and written)
- Passion for technology, complex systems and lab equipment's
- Open minded, result driven and agile personality
- Appreciation of working with global peers and customers, in a diverse, multi-cultural environment
- Familiarity with WPF and MVVM or similar modern GUI patterns and technologies is a plus

BitifEye is a medium-sized company, well known throughout the industry as almost all leading consumer electronics and semiconductor manufacturers are among our customers. These technology drivers rely on BitifEye products for testing the high-speed data connections of products such as smartphones, tablets, gaming devices, and TV sets. Motivated, highly qualified, and satisfied employees are key to our success. The continuous search for the balance between the interests of our employees and our economic success is a core part of our philosophy. Within our international team, we foster a respectful, open, and casual atmosphere and offer challenging tasks to our team members.

If this appeals to you and you are keen to work with and contribute to state-of-the-art technology, please do not hesitate to send your application to hr@bitifeye.com.