



HDMI Test Software Engineer (m/f/d, Remote Work)

Our highly motivated R&D team develops exciting technologies and enables innovations for leading-edge electronic test applications. Our products ensure the reliability of data communication standards such as USB, HDMI®, PCI Express or Automotive Ethernet.

We are looking for an additional member of the R&D team to maintain and extend our software products for HDMI® compliance test.

Our headquarters is located in Boeblingen, Germany. This position is applicable to remote work.

BitifEye is a Solutions Partner with Keysight Technologies, the leading global test & measurement company, for automated datacom test systems. Our software controls premium electronic test instruments, e.g. high bandwidth oscilloscopes and high-speed data generators. This allows in-depth, automated product testing and characterization, which is a key step for evaluating and debugging next-generation electronic products. With your expertise and dedication, you will help global technology leaders to validate their upcoming products such as sound bars, gaming devices or TVs with amazing new capabilities, way before they hit the market.

Tasks:

- Operate as a full life cycle software developer: develop, document, test in the lab and provide support
- Work in an agile environment with project manager to define and understand the tasks which have to be implemented
- Work with software architects to create flexible and efficient software
- Troubleshoot, debug and solve issues
- Follow the software development quality process at BitifEye
- Collaborate with leaders and technology drivers of the global semiconductor (IC) and consumer electronics industries
- Contribute to industry standards committees, such as to the HDMI Forum®
- Be open to occasional international business trips, e.g. customer visits and visits to the headquarters

Requirements:

- Master degree in software engineering, computer science, physics, electrical/electronic engineering or related discipline
- Familiarity with the HDMI® interface or with HDMI® products
- Minimum 3 years of professional experience in software development
- Fluency in a modern object-oriented programming language (C# preferred)
- Familiarity with WPF and MVVM or similar modern GUI pattern and technologies is a plus
- Experience using test and measurement instruments, such as oscilloscopes
- Signal integrity know-how, such as CDR, equalization, jitter analysis or jitter tolerance is a plus
- Good communication skills
- Fluency in English, spoken and written
- Passion for technology, enthusiasm for driving complex systems and lab equipment
- Open-minded, result-driven and agile personality
- Appreciation of working with global peers and customers, in a diverse, multicultural environment

If you qualify for this position, please send your application to hr@bitifeye.com.