Software Development Test and Measurement

Instrument Driver and Signal Analysis Library for a Digital Storage Oscilloscope

Internship, Bachelor or Master Thesis

BitifEye Digital Test Solutions GmbH (www.bitifeye.com) is a growing company, offering software, accessories and services for automated digital test and measurement. Since the foundation in 2005 we managed to establish BitifEye successfully in the market. BitifEye is a partner of Agilent Technologies, the leading test and measurement vendor. Agilent and BitifEye jointly serve distinct global customers in the IC, computer and consumer electronics industries with products for test automation solutions from our site in Boeblingen, Germany.

We permanently offer topics for internships, bachelor or master thesis in the field of automated test and measurement.

For this project, an instrument device driver for a digital storage oscilloscope shall be implemented. Furthermore, an existing signal analysis library shall be ported from managed C++ to C#. The library comprises e.g. functions for calculating the signal frequency from captured data. MATLAB can be used to verify the implementation. The willingness to work with test instruments is mandatory.

Experience with Visual Studio .Net and C# within the Microsoft .NET Framework would be helpful but aren't required.

Then please don't hesitate to send us your application and CV to BitifEye Digital Test Solutions GmbH, Personnel Dept., Herrenberger Str. 130, 71034 Boeblingen, Germany or to hr@bitifeye.com. A motivated team, an agreeable work environment and a fair salary are expecting you.