

Zurich, 01.09.2019

Zurich Instruments is the technology leader for advanced test & measurement instruments for dynamic signal processing. Our products are used in many application fields by demanding researchers all over the world. Zurich Instruments' vision is to revolutionize instrumentation by incorporating the latest analog and digital technology into powerful measurement systems for unprecedented functionality and performance.

For our Research and Development team in Zurich we are looking for a

Hardware Design Engineer

Working with electronics is your passion! You feel challenged and enthusiastic at once about building electronic systems setting new performance benchmarks. This is your chance for working inside a high-quality R&D team striving for the best-in-class measurement hardware and software solutions.

Your responsibilities

- Development and maintenance of a high-end mixed-signal electronic circuits (PCB based) for our products, including specification, conception, implementation, and documentation
- Conducting characterization and qualification testing
- Maintaining design resources, like EDA tools and PCB design libraries
- Collaborating with and instructing external partners (e.g., PCB layouters or manufacturers)

Your profile

- BSc or MSc in electrical engineering or in a related field
- Experience in circuit design and characterization of mixed-signal PCB's involving FPGA's/DSP's, high-speed interfaces, mixed-signal circuits (ADC, DAC), analog building blocks and power supply conditioning
- Experience in using EDA tools for circuit design and simulation, like Altium Designer and Spice
- Proficient user of lab instrumentation including oscilloscopes, spectrum analyzers, and VNA's
- Strong interest to work at the forefront of technology and integrate the latest high-end components
- Team player enjoying close collaboration with other hardware, FW/HDL, and software team members
- Fluent in English, German is a nice to have

Moreover, we are looking for a result-oriented, intrinsically motivated person who loves to tackle challenges in a cooperative fashion and who feels inspired to work in a multicultural, high-tech environment.

Zurich Instruments offers a flexible, diverse work environment with an open-company culture where people develop and form the base of our joint success. Now is a great time to be joining the team.

We are looking forward to receiving your resume and motivation letter.