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## SPM Expert and LabVIEW R&D Engineer

SPECS Zurich GmbH, a subsidiary of SPECS Surface Nano Analysis GmbH, provides high-end control systems for Scanning Probe Microscopes (SPM) and advanced solutions for surface science. Our customers are researchers in academia and industry worldwide. As a dynamic and ambitious company, SPECS Zurich is looking for committed and talented individuals to join our highly motivated R&D team based in Zurich, Switzerland.

### Your tasks:

- Develop new software architectures for advanced SPM control systems
- Implement new SPM operation modes for the Nanonis SPM Control System
- Assess the scientific needs and propose the realization with the Nanonis SPM Control System
- Redact scientific and technical documentation
- Test new control systems in-house and installation with customers on-site
- Customer and internal support

### The ideal candidate will fulfill the following criteria:

- Experience in Scanning Probe Microscopy, especially in dynamic modes
- Thorough knowledge of Scanning Probe Microscopy applications
- Advanced LabVIEW development experience
- Excellent skills in English (written and spoken)
- Efficient, goal-oriented, self-motivated and structured working in a team

### Additionally, the following criteria are a plus:

- LabVIEW Real-Time and LabVIEW FPGA experience
- Experience in signal processing and digital and analog electronics
- Excellent skills in German (written and spoken) and other languages

### We offer:

- A full-time job in a young and motivated team
- Working on the development of leading edge technology closely linked to science
- A working place in the heart of Zurich's fastest growing district

Find out more about SPECS Zurich on our website at <http://www.specs-zurich.com>.

When you think you would fit in our team, then please send your application and cv by email to [pioda@specs-zurich.com](mailto:pioda@specs-zurich.com) or contact SPECS Zurich by telephone +41 44 445 18 25 for more information.

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