



## Application and Support Scientist

[Qnami](#) develops fundamental new technology using quantum mechanics. The control and measurement of the state of a single electron enables us to measure what could never be measured before. We call this quantum sensing and are enthusiastically developing this technique to improve people's lives and the world.

The Qnami ProteusQ is a complete quantum microscope system. It is the first scanning NV microscope (nitrogen-vacancy) for analysis of magnetic materials at atomic scale. The ProteusQ system comes with state-of-the-art electronics and software. The flexible design allows for future adjustments and scaling, expansion and module additions.

Qnami is a magnet for talent looking to join the quantum revolution at the pulse. Young, multicultural, open and skilled, we have a deep passion for our work. We are both business and scientific minded. Each of us offers their top unique skills plus an intense work ethic and enthusiastic spirit – because we believe in what we do. We value diversity, and have created a flexible open team culture of mutual respect that supports employees' development and enables us to live healthy, well-balanced lives.

To support our commercial expansion for the Qnami [ProteusQ](#), we are looking for an

## Application and Support Scientist

to contribute to the ongoing development of the Qnami ProteusQ and engage scientifically with new and existing customers. In this position, your responsibilities will include

- Contribute to the refinement of a customer-oriented turn-key solution
- Represent Qnami at trade shows and visit customers around the world in person and virtually
- Demonstrate the capabilities of the Qnami ProteusQ to customers from leading universities and industries through performing measurements and live sessions
- Produce technical & marketing material such as user manual, product documentation and application notes
- Install instruments at customer sites
- Provide application specific customer support
- Train customers and sales representatives



You are a result-oriented person with good organization, communication and interpersonal skills. You like to take initiative, you are stimulated by challenge and like to work with a diverse, multi-cultural team. Your qualifications include

- MSc or PhD in physics, engineering, or nano-science
- Deep expertise in scanning probe microscopy (AFM, STM, MFM ...)
- Substantial lab experience and general test measurement know-how
- Excellent English technical writing skills, with the ability to communicate complex technical subjects in a compelling way to both experts and novices
- Excellent verbal communication skills: English is a must, other languages are a plus
- Demonstrated ability to engage in scientific discussions with a broad range of people
- Experience in product management and/or sales is a plus
- Experience in the semiconductor industry is a plus
- Entrepreneurial spirit and desire to work for a quickly growing company

You will have responsibilities and a direct contribution to the growth of the company and the emergence of a quantum industry 1.0. Your salary will be based on your experience. The role is based in our offices in Muttens, Switzerland.

Qnami was founded in 2017 in Basel, at the cross-roads of Switzerland, Germany and France, and builds on the work of Professor Patrick Maletinsky from the University of Basel. We explore implementation and application of quantum nitrogen-vacancy (NV) color center in diamond for high-performance sensing devices.

Please send your application (resume, motivation letter and a sample of your own technical writing) to [jobs@qnami.ch](mailto:jobs@qnami.ch). We seek to fill the position by or before October 2020.