



Job offer 015

## Application and Support Scientist

(80-100% Employment)

[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.

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 all of us to live healthy, well-balanced lives.

We develop and commercialize applications of [NV Quantum Sensors](#) (Nitrogen Vacancy), leveraging proprietary technology and unique know-how. Our first commercial product, 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, and features state-of-the-art electronics and software. The flexible design allows for future adjustments and scaling, expansion, and functionality additions.

To support our sales and marketing and to develop future applications for the Qnami [ProteusQ](#), we are looking for an

### Application and Support Scientist

In this position, your responsibilities will include

- Support the sales process by assisting customers to choose the best technical solution for their measurement requirements, performing measurements on customer samples, and giving live demonstration sessions
- Produce written technical & marketing material such as measurement reports, application notes, research publications, conference presentations, user manuals, and product documentation
- Represent Qnami at academic and industrial conferences by presenting results, as well as engaging customers at trade shows
- Contribute to the development of new applications, including for semiconductor manufacturing and quantum computing
- Install instruments at customer sites and train customers on instrument use

Qnami offers you a great working environment and a chance to learn and grow:

- Play a leading role in a deep-tech quantum startup
- Be a core part of a motivated and energetic startup team who value both scientific free climbing and human connection



- Enjoy comfortable, modern office space and the opportunity to connect with other entrepreneurs in one of Switzerland's premiere startup spaces

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 the semiconductor industry is a plus
- Entrepreneurial spirit and desire to work for a quickly growing company
- Ability to travel up to 25%

You will have important responsibilities and make a direct contribution to the growth of Qnami 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. This role may require periods of international travel for conference attendance, customer visits and instrument installations.

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).