



Qnami provides quantum sensors for high precision application. We offer full stack solution for metrology application and material characterization, as well as B2B service for the integration of high performance sensors across a large range of applications, from medical diagnostic to telecom. The unique expertise of Qnami's team is key to our customers, who seek to lead by innovation. Qnami aims to be the reference for high precision sensing and a leading player of the quantum industry 1.0.

We are currently looking for a

Quantum Engineer

to contribute to the production and development of our metrology tools. Your responsibilities will include

- Control and manage existing processes to ensure continuous production of high-end diamond probes for scanning probe quantum microscopy.
- Performing supply chain evaluation and quality control of diamond for quantum applications.
- Assembling and testing quantum microscopes for our customers
- Contributing to the development of our instruments
- Evaluate results against state-of-the art and suggest measures to protect the generated intellectual property.

You are a passionate and creative junior engineer. You are pragmatic and know how to organize your work. You value work in a multi-disciplinary team, like to share ideas and being challenged. You have a taste for innovation and want to change the status quo. Your qualifications include:

- MSc/PhD in material science or engineering
- Solid material science background.
- Excellent understanding of quantum mechanics concepts.
- Excellent understanding of scanning probe microscopy concepts.
- Excellent understanding of basic concepts of electron spin resonance.
- Expertise in optics (confocal microscopy).
- Experience in manipulating miniature objects (micrometer size)
- Excellent command of English. Knowledge of German, French or Spanish is a plus.
- Excellent writing and reporting skills.

Qnami offers a stimulating, multicultural and friendly work environment. We are located in Basel, at the crossroad between Switzerland, Germany and France. Your salary will be based on your experience.



We look forward to receiving your application (resume and motivation letter) at jobs@qnami.ch. Starting date: September 2019.