



**HQS**  
QUANTUM  
SIMULATIONS

## Vacancy: Quantum Algorithms Specialist

HQS Quantum Simulations develops quantum algorithms to predict molecular and material properties for chemical and pharmaceutical companies. The Heisenberg software works on conventional and state of the art quantum computers and widens the understanding of chemical and physical interactions to accelerate research and development processes for our customers.

To include another facet in our growing team we are searching for a  
**Quantum Algorithms Specialist (m/f/x)**  
fulltime, starting in Q3 or Q4 latest

### Your tasks

- Implementation and refinement of quantum algorithms
- Work on techniques for reducing errors on quantum computers
- Simulating solids and molecules on quantum computers
- Supporting the integration of quantum computing into conventional simulation processes

### Your qualifications

- PhD in physics (in the field of solid-state physics or quantum computing) or comparable
- Knowledge in the field of quantum algorithms
- Very good programming skills, experience with python and git desirable
- structured, analytical thinking and creativity in problem solving
- team-minded and a passion for new challenges

### Your benefits

- a dynamic and motivated team
- challenging and interesting tasks
- the opportunity to be part of the development and market launch of a groundbreaking technology

If you are interested in this attractive and diverse task, **please send us** your complete application documents including salary expectation and your desired starting date to [jobs@quantumsimulations.de](mailto:jobs@quantumsimulations.de)