



HQS
QUANTUM
SIMULATIONS

Vacancy: Ab initio Simulation Specialist

HQS Quantum Simulations is developing quantum algorithms to predict molecular and material properties for chemical and pharmaceutical companies. The HQS 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

Ab initio Simulation Specialist (m/f/x)

fulltime, starting as early as possible

Your tasks

- ab initio simulations of strongly correlated systems (solid state or molecules)
- developing or extending simulation methods
- integration of various simulation tools
- assisting in the development of appropriate quantum algorithms

Your qualifications

- Ph.D. in physics or chemistry specializing in theory or simulation
- experience with post-Hartree-Fock ab initio simulations of strongly correlated systems (especially CAS methods)
- experience with python and git appreciated
- structured and analytical thinking and creativity in problem solving
- team-minded and a passion for new challenges

Your benefits

- a young 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.