

Scientific software developer

QuantumWise A/S is seeking to fill a position within our software development team. The team develops leading-edge industrial applications of nanoscale modelling software together with our customers, which include some of the leading electronics and defence-oriented companies in the world. The tasks of the team include development of advanced quantum-mechanical simulation software, massively parallel high-performance algorithms, graphical and scripting-based user interfaces, product documentation, and technical sales support. Current team members have a degree in theoretical physics, computer science or chemistry, and a working experience with development of commercial scientific software.

We are looking for talented individuals with a broad set of skills within the following areas:

- Software development
 - Python and C++ programming languages
 - Windows and Linux operating systems, as well as basic system administration
- DFT and quantum chemical modelling
 - Pseudopotential methods, plane waves and local basis sets
 - Atomic-scale modelling, quantum transport

The successful applicant is expected to:

- Have a broad set of skills and ready to apply the skills to whatever task is being assigned
- Be dedicated, with focus on getting the work done quickly without sacrificing quality
- Be a team player
- Enjoy communicating and helping other people
- Have a positive mindset and be motivated by challenging projects
- Be self-motivated and take responsibility
- Eager to learn professional software development

QuantumWise offers applicants:

- A challenging and dynamic work environment
- A role in cutting-edge nanotechnology
- A place in a highly competent and motivated software development team
- Employee benefits and stock option program

Application must include a 1–2 page application letter and a short CV in PDF format. The application should be sent by e-mail to jobs@quantumwise.com at latest Monday, December 1, 2009. Starting date for the position is Q1, 2010.

For further information, please see our web site www.quantumwise.com or contact Kurt Stokbro (CEO) kurt.stokbro@quantumwise.com or phone +45 51320610.

QuantumWise A/S provides software and services to enable development of nanotechnology through atomic-scale modelling. The company, established in December 2008, is self financed and in rapid development, with offices in Copenhagen and Singapore, and a world-wide presence via regional distributions partners.