



SIMULATION TECHNOLOGY FOR LIFE SCIENCES

GoSilico is a start-up enterprise located in Karlsruhe, Germany. We are a young and interdisciplinary team, that is driven by the idea of replacing experimental work in the downstream process development for biopharmaceuticals by simulation work. Our core product is the simulation software ChromX, that is sold to biopharma companies worldwide. In addition to the software, GoSilico supports its customers with trainings, consulting and contract modeling services.

For the continuous enhancement of our simulation software, we seek an engaged and self-reliant

Software Developer C++

(m/f) in Karlsruhe, Germany.

Your Job.

As a software developer at GoSilico, you'll be contributing to a simulation software that facilitates a change of paradigms from an experimental to a computer-guided development of production processes in the biopharmaceutical industry. Your responsibility starts with an optimization of the software's user experience. You'll further be responsible for the design and implementation of new features and modules, requested by our customers. General maintenance issues to guarantee stability, robustness and high performance are also part of the job portfolio.

Your Profile.

ChromX is written in parallel C++. We expect you to exhibit a high degree of expertise and experience in object oriented programming. Experience in parallel programming using CUDA, OpenMP and MPI is also desired. The algorithmic core of ChromX bases on a numerical approximation of partial differential equations by means of a finite element scheme. A profound background in applied mathematics and numerical methods for partial differential equations is therefore also beneficial but not essential. Since GoSilico serves international customers, fluency in English both written and oral is premised. A self-reliant, motivated and proactive working style is another precondition.

Your Benefits.

You'll be working in an international, dynamic and growing start-up environment. Since we're a small company, everyone's contribution is extremely valuable and highly appreciated. You'll be granted with a high degree of responsibility from day one on. Flat hierarchies, as well as fast and direct communication channels make your daily work at GoSilico pleasant and fun.

Start Date: November 2017

Contact: jobs@gosilico.com

We are looking forward to your application!