

YOUR CHOICE. YOUR CAREER.

Move things forward.

CellSense Technologies GmbH is a manufacturer of advanced microscopes - particularly optical microscope systems for a broad range of applications in biology and medicine. We are seeking an applications scientist with a strong scientific background for a challenging position in Berlin.

SCIENTIFIC PROGRAMMER FOR A POSITION IN BERLIN

YOUR TASKS.

- You will develop software to control our instruments in the following aspects: design, implementation and quality control
- You will write software in C++ to control devices, collect data and analyse them
- You will help coordinate the communication between external devices and Windows-host. These will be CMOS cameras, lasers, mechanical control elements, data acquisition cards, etc.
- You will design and implement test routines for setup and control of the external components
- You will use Qt for user interface development
- You will cooperate closely with the teams developing the instrument hardware and electronics
- You will solve problems and come up with new ideas in cooperation with other members of the team

WHAT WE OFFER.

- Interesting and challenging tasks in one of the most exciting fields of modern technology.
- A work environment that is very cooperative, collegial, casual, and flexible, but highly professional.
- The chance to use many modern technologies: C++, Python, GitHub, etc.
- Lots of opportunities to expand your skills, including helpful and knowledgeable colleagues and regular software seminars.
- A chance for advancement to a technical leadership role.

WHAT WE EXPECT.

- Strong background in physics or engineering
- Experience in software design and strong object-oriented design skills
- Excellent proficiency in at least one object-oriented programming language
- Experience with the processing of scientific or measurement data
- Experience with multi-threaded, source-code control (preferably git)
- Ability to work well with others, to cooperate, and to share code ownership with the whole team
- Proficiency in English
- You must be serious about producing high-quality software on a predictable schedule

ADDITIONAL SKILLS THAT WOULD ENHANCE YOUR APPLICATION.

- Familiarity with Python, Qt library.
- Experience programming microcontrollers and/or designing digital electronics
- Knowledge of agile development styles, design patterns, and refactoring

If possible, please submit examples of prior work, including source code, with your application materials.