



## Microscope Software Designer (m/f/d)

**Start date: immediately or as per agreement**

**Conditions: full-time**

### Position overview:

Molecular Machines and Industries (MMI) is an international company with establishments in Germany, North America and Asia. Our customers are pharmaceutical companies, clinics and research institutes in more than 80 countries. We are specialized in single-cell isolation technologies for medical diagnostics and life science research, and we are seeking to immediately recruit a **Microscope Software Designer (m/f/d)** to join our dynamic team in Eching/Munich.

### Job description:

The successful candidate will continuously improve the design and implementation of our MMI CellTools software package running our microscope-based micromanipulation devices. You will integrate new hardware support, improving performance and adding new features while not compromising the high level of user friendliness and ease of use.

- Conceptual design, implementation and testing of software
- Realization of hardware control in the framework of our established hardware abstraction using third-party SDKs
- Development, implementation and verification of imaging algorithms
- Maintaining our software development tools such as Trac and Jenkins
- Building the structures to integrate new features
- Realizing new and unique customer benefits
- Designing intuitive user interfaces for smooth integration into MMI CellTools

### Knowledge / skills / abilities:

- Evidence of efficiency in object-oriented programming with C++ under industrial conditions
- Software design patterns and encapsulation are your daily business
- Self-motivated, ambitious, flexible and persistent
- Experience with imaging libraries such as OpenCV would be welcome
- Degree in technical studies (FH/TH)
- Proven scientific background
- Fluency in English; German language skills desired

### We offer:

- Contribute to meaningful projects for new disease diagnostics technologies
- A highly competitive remuneration package
- Become a member of a pioneering and highly motivated team
- A modern, innovative and successful company at the leading edge of technology

Are you interested? Do not hesitate to send your full resume to [jobs@molecular-machines.com](mailto:jobs@molecular-machines.com)

We are looking forward to hearing from you.