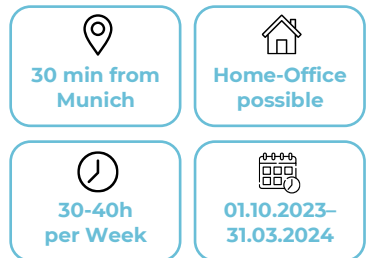


Internship Position: Image Processing, Machine Vision & Hardware Control (m/f/d)

microphotonX GmbH is a biotech start-up in the south of Munich. We develop and distribute an innovative new diagnostic system for analysis of biological and medical samples. Our Biospex Analyser uses a unique laser technology and AI methods that allows to acquire fast and accurate results. With our novel approach, we aim to help health professionals to reach rapid and effective therapy decisions.

As of February, our premises will move from Tutzing to Martinsried. If one of these locations is an exclusion criterion for you, please apply anyway - we will be happy to evaluate remote working options in a joint dialog.



Your tasks:

- Develop and test image processing algorithms for our products
- Implement machine vision techniques and algorithms for industrial applications
- Contribute to the design and implementation of hardware control software for our devices
- Assist with testing and troubleshooting of hardware and software components
- Document project progress, results, and findings
- Team player who is willing to learn and experiment with new ideas
- Strong analytical and problem-solving skills
- Excellent written and verbal communication skills in English
- German is a plus

Your profile:

- Enrolled in a degree program related to computer science, electrical engineering, or a related field
- Strong understanding of image processing techniques and algorithms
- Experience with computer vision and pattern recognition concepts and algorithms
- Experience with OpenCV and other related image processing libraries is an added advantage
- Proficiency in programming with Python and C/C++ or Rust
- Familiarity with software development for hardware device control
- Knowledge of Linux driver development or interfacing in Rust is a plus
- Opportunity to contribute your ideas to an innovative, state of the art solution to medical diagnostics
- Paid internship spanning a period of 6 months
- Flexible working hours and the opportunity to work remotely
- Modern and bright office space
- Free parking spaces
- Attractive surroundings with shops and restaurants just a few steps from Lake Starnberg
- Free drinks, regular team events, etc.
- Multinational, highly qualified and professional team
- Flat hierarchies with an "open door policy"
- The opportunity to make a significant contribution to the development of a pioneering technology platform

Did we raise your interest?

Please submit your application documents including your earliest possible starting date and salary expectations to the following E-mail address: career@microphotonx.com

We look forward to your application.