

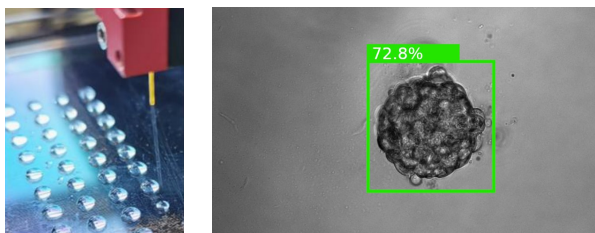
Hahn-Schickard stands for industry-aligned, application-focused research, development, and manufacturing in the field of microsystem technology. With over 170 experts in Stuttgart, Villingen-Schwenningen, and Freiburg, we innovate microsystem solution from conception to production. Our roots are embedded in the local community while our reputation extends globally as a sought-after partner

For the research project ADAPT-2 in the field of microfluidics and 3D cell culture, our Laboratory Automation division in Freiburg is in seek of a

## Research Assistant (f/m/d) for Image Annotation for 3D cell cultures (spheroids/organoids)

### Responsibilities

- Take a central role in annotating images from our extensive dataset, with a specific focus on microscopic particles, notably 3D cell culture models like spheroids and organoids Collaborate within an interdisciplinary research project, contributing to the advancement of scientific understanding in microfluidics and laboratory automation.
- Contribute significantly to the training and validation of an AI system, integral to enhancing the automated placement of viable spheroids and organoids within multiwell plates.
- Engage closely with our machine learning team and dedicated researchers, collectively pushing the boundaries of our field's potential.



### What we offer

- Being part of a dynamic and interdisciplinary team, thriving within an environment that nurtures innovation and collaboration.
- Access to cutting-edge facilities, featuring well-equipped laboratories at your disposal.
- Flexible work times.
- An attractive workplace conveniently located on the campus of Albert-Ludwigs-Universität Freiburg.

### Candidate profile

- Motivated STEM student with a strong drive for teamwork.
- Creative thinking and problem-solving abilities.
- Proficient in either English or German.
- Notably, no specific technical skills needed for image annotation. However, interest in machine learning and/or background in biology/microfluidics would be a plus.
- Potential for a thesis in machine learning. In this case, proficiency in the Python programming language and first experiences in machine learning are essential.

The position is initially limited to **3 months**.

If you are equally passionate about this topic as we are, please send us your application documents (CV, references, brief cover letter) directly online, preferably in a PDF file, through our career page. Please mention the internal **reference number 23/3630/54**.

Furthermore, should you have any inquiries, please feel free to contact us by telephone or mail.

### Robert Voelckner

Robotics and Instrumentation

Mail: [robert.voelckner@hahn-schickard.de](mailto:robert.voelckner@hahn-schickard.de)

Phone: +49 761 203 95084