



**KMLVISION**

KML VISION is a growing innovative IT company based in Graz, Austria. We offer our employees the opportunity to shape the future of digital image analysis in Life Sciences, powered by Artificial Intelligence and Deep Learning, delivered by state-of-the-art cloud computing technology via the IKOSA® platform.

## Master Thesis / Content-Based Image Retrieval (m/f)

We are offering a Master Thesis position to a motivated student (m/f) with a strong background in computer science for the implementation of a content-based image retrieval (CBIR) system. Your main tasks are focused on solid concept development and reliable implementation of structures and algorithms to allow efficient visual search in large microscope images.

### YOUR PROFILE

- Flexible team player in a dynamic environment with passion to create innovations.
- Ability to work independently and responsibly, motivation to research and follow best practices.
- Passionate about creating fast image search applications that perform at larger scale.
- Technology stack: Python, C++, Java.
- Experience in computer vision and machine learning is an advantage.

### OUR OFFERS

- Contract-based employment, remote work is possible.
- Start date: October 2019 (flexible).
- Duration: 6 months.
- Be part of a strong team in an interdisciplinary environment.
- Flextime and a high degree of self-management.
- Benefit from strong connections to industry and academia.

### WHY YOU SHOULD APPLY

- Contribute to next-generation image analysis applications based on AI and Deep Learning.
- Extend your skills and work experience in a professional environment.
- Remuneration (contract-based) is EUR 3,000.
- Possibility of part-time or full-time employment after the project.

**READY TO JOIN OUR TEAM?  
JUMP-START YOUR MIND!**

It's simple! Just submit your curriculum vitae to [career@kmlvision.com](mailto:career@kmlvision.com) and we get in touch!

## ABOUT KML VISION

With a strong scientific background and network, KML VISION is a thriving company, focusing on delivering the newest advances in automated digital image analysis to the Life Science sector. We develop the IKOSA® online platform, where Deep Learning technology powers our streamlined, intuitive applications. Hence, our clients immediately benefit from the most recent breakthroughs in Artificial Intelligence right at their fingertips. We create value by automating tasks that previously could only be performed by humans.

- Our passion is to develop high quality image analysis applications for object classification, segmentation, object detection and provide it as a Software-as-a-Service, accessible to anyone. To achieve higher reproducibility as well as faster and more cost-efficient analysis, the IKOSA® platform enables our customers a high degree of automation in digital workflows.
- We believe that with our technology it is possible to remove tedious tasks from routine work involving digital imaging.

## THE LOCATION

KML VISION is based in Graz, Austria. Graz is an awesome place to live in because it is a vivid city offering great urban lifestyle, it is close to mountains for hiking and skiing, and you can reach the Mediterranean Sea within just 3 hours of driving. Its historic old town is great for taking strolls after work and have a drink in one of the many bars. Our offices are located in walking distance to the centre at Nikolaiplatz 4, 2nd floor, 8020 Graz.