Senior Image Analysis and Machine Learning Software Developer (m/f)

We are a Munich-based small enterprise with a team of international researchers and developers that create a novel image analysis, machine learning and data mining platform. Our solution is used by bio-medical researchers and health care providers to uncover cellular processes in microscopy based experiments. A key focus of our work is to develop latest image analysis and machine learning research into robust and efficient solutions for our customers. If you enjoy creating high quality software then we look forward to hearing from you!

Position: Sr. Image Analysis / Machine Learning / Deep Learning Software Developer (m/f). Start: Immediately

You will develop image analysis methods in C++, Java, and/or Python, build new software components, design and implement image analysis and machine learning methods, overcome the limitations of current hard- and software with novel solutions, and shape the tools that drive new insight into biology and medicine.

We provide a competitive salary, financial benefits, good career prospects, a friendly working atmosphere, and exciting projects to work on. International workers welcome, flexible working hours possible, home office possible. Interested developers may continue an academic track record and participate in research and publications in image analysis, biology, medical research or bioinformatics.

Our ideal candidate has:
- Ph.D. or Diploma/MSc or equivalent experience in Computer Science or Bioinformatics.
- Excellent programming skills in modern C++ including templates, c++11/14, stl, multi-threaded programming etc
- Good programming skills in Java, Python or Matlab.
- Prior experience in bio-medical image analysis, segmentation, feature extraction, 3D volumetric image analysis, multi-channel and time-series analysis, large bio-medical image visualization, machine learning, deep learning, high performance computing, GPU programming/CUDA/OpenGL/OpenCL, and related work
- Good knowledge of software design patterns and agile software development.
- Previously worked with cross-platform development on Windows, Linux, MacOS using continuous integration, cmake, git, and a modern software stack.
- Ability and interest to develop modern enterprise software solutions and to address problems.
- Good communication skills in German and English (written and spoken).
- A creative, proactive and collaborative disposition of mind.

For questions, inquiries or to submit your application please contact M. Emmenlauer at info@biodataanalysis.de. A short CV and informal application letter are sufficient. Links to prior software development (including links to code) are appreciated.