



Senior Deep Learning Data Scientist / Machine Learner (M/F/D)

We from MindPeak are a start-up that creates diagnosis support tools in cancer diagnostics with artificial intelligence. Since 2017, our mission is to make microscopical and pathological analysis more efficient, precise and accessible for everyone.

With our team of currently 12 dedicated innovators and medical game changers, we build support tools for visual diagnosis using state-of-the-art deep learning. Our tools assist cancer experts in providing reliable and reproducible diagnoses. Optimizing cancer diagnostics with machine learning is challenging and requires the brightest minds. That's why we want you.

Become part of MindPeak and shape with us the future of cancer diagnostics!

As a **Senior Deep Learning Data Scientist / Machine Learner** you will be part of an interdisciplinary team and become a key driver in building highly accurate image analysis systems and machine learning models for the pathologists' clinical routine. There are big challenges in the field of digital pathology like demanding accuracy requirements and the large variability of human cells. With your expertise and the possibilities of deep learning and artificial intelligence, you will work on solutions which will take the current healthcare to the next level and help generate a true impact beyond the status quo.

Your tasks:

- You develop prototypes for promising deep learning methods and conduct experiments that allow for meaningful conclusions in the field of medical image analysis
- You are an expert of our image data - that means you manage, preprocess and analyse our large image data-sets for the application of machine learning
- You work closely together with the other members of our data science and tech team
- In cooperation with our software developers, you implement efficient AI production systems
- Together with our product managers and users like laboratories and medical doctors, you develop new concepts and specify data requirements for our AI products
- You will be directly reporting to the CTO

Your profile:

- M.Sc / PhD in Computer Science, Mathematics, Physics or similar with excellent grades
- Expert theoretical knowledge in machine learning
- Multi-year practical experience in deep learning for computer vision
- Fluency in several of: PyTorch, Tensorflow, Keras, Numpy, Pandas, Sklearn, OpenCV, Skimage, GPU-Computing (CUDA)
- Advanced skills in Python, bash, Git and linux tools
- Ability to work in a fast changing, highly dynamic work environment with changing priorities



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- Curiosity to understand the medical application
- Enjoying interdisciplinary teamwork, thinking outside the box and communication with our partners
- Independent structured working style and willingness to take responsibility
- Good analytical skills and the motivation to constantly learn, mentor, and share knowledge with others along the way
- Fluent in English, additional German is a plus

We offer:

- Unique chance to become a leader in the field of MedTech & deep learning / AI while helping to build up a company from early stage to worldwide success
- The opportunity to make a difference in the world with your work and bring cancer diagnostics to a whole new level
- An open and creative work environment
- Flat hierarchies and quick decisions
- Exchange of knowledge and close cooperation with exceptional colleagues in a highly motivated international team with an experienced management team
- Central office location with fascinating workspace view of the Hamburg harbour

Want to be on board?

Then send your application as **Senior Deep Learning Data Scientist / Machine Learner (m/f/d)** with your salary expectations and earliest possible starting date to jobs@mindpeak.ai.

If you have any questions, Susanne will gladly call you back. More information about us you can also find at www.mindpeak.ai.

If you are currently not looking for a new challenge, we are happy to welcome you to our network on XING or LinkedIn!