

Machine Learning Engineer

(Computer Vision) (m/w/d)

We are looking for an entrepreneurial and results-driven C/Python programmer experienced in computer vision to build our digital pathology platform based on native 3D microscopy. The position is based at Charité in Berlin, remote work is possible for a period, we speak German and English. You will work in a highly collaborative and multi-disciplinary environment and should be interested going to extra mile and owning your topics.

The main tasks include:

- Collaboration with internal and external research teams to integrate ML/DL algorithms into products by writing working prototypes in python or C/C#
- Cloud integration and testing of machine learning algorithms for computer vision on 2D and 3D data, e.g. conventional histology slides and novel stained slides and wholemounts with our technology
- Create strategies for automated testing (e.g. performance, stress, and load tests)
- Assist in requirements gathering, planning, design and testing of assigned tasks

The personal requirements:

- Master's degree in computer science, bioinformatics, or mathematics/physics in biology contexts
- 3+ years' experience in Python/R/SPSS/Mathlab
- 1+ years' experience in C/C#
- Experienced deploying deep learning/machine learning projects
- Experience with TensorFlow and/or PyTorch
- Nice to have Experience with Amazon AWS and SageMaker
- Nice to have: knowledge in computer vision and image recognition
- Nice to have: experience with volumetric 3D+ data
- Product-oriented personality with strong research skills, e.g. the ability to understand papers and source code to take advantage of the latest scientific publications
- Good verbal and written communication skills, ability to work in remote working environments with international teams
- Fluent in English, at best also in German

What we offer you:

- Exciting and varied tasks in a dynamic early stage digital health company, currently funded via EXIST Forschungstransfer Phase I
- Flat hierarchies and efficient decision-making processes
- A positive working atmosphere that promotes both individual freedom and responsibility
- Home office/remote work possibilities

Get in touch with us via info@3D-HistoPATH.de