

Data Scientist – Clinical Data & AI Model Development (Person)



Since BEC Medical plays a leading role in innovative medical robotics technology, our corporate culture and working methods are constantly evolving. Despite this dynamic environment, our focus on excellence remains constant, combined with a determination to create a workplace where we can perform at our best. Does this challenge excite you? If so, you will likely feel very comfortable in our team. However, BEC Robotics is not the right fit for everyone – please check whether our vision and strategy align with your own goals and whether you are ready to grow beyond yourself.

You are an experienced Data Scientist (Person) with an interest in medical robotics and a hands-on mentality. You have no fear of people, robots, or operating rooms? Then we are looking for exactly you and your expertise **for our location in Magdeburg!**

Our goal is to create a modern, efficient, and friendly working environment on site, and you will play a central role in making that happen.

Your Playground:

- Building and designing the data pipeline from start to finish
- Developing machine learning models for sensor data, motion analysis, and image data
- Focus on explainability, model performance, and DataOps in a MedTech environment
- Analyzing complex clinical and technical data streams (multimodal, temporally correlated)
- You have influence over which tools we use and how we shape our processes

This is how you can impress us:

- Master's degree in Data Science, Statistics, Computer Science, or a related field
- Experience with medical or robotics-related datasets
- Interest in AutoML, XAI, hyperparameter optimization, and data ethics
- Knowledge of DataOps and model deployment on edge systems

What BEC Robotics offers you:

- Agile development and the opportunity to significantly shape a cutting-edge medical product
- Start-up atmosphere with a stable foundation & State-of-the-art technical equipment
- Flexible working hours and agile workflows
- Inspiring work environment with short decision-making processes
- A collegial and family-like atmosphere
- Support for your personal and professional development
- Subsidy for company pension plans
- JobRad for environmentally friendly commuting
- 30 days of vacation

No matter what your background is – do you feel addressed? Learn more on our careers page: bec-robotics.com/de/robotics/karriere

