






FULL TIME (M/W/X)

AI/FEM RESEARCHER – MEDICAL TECHNOLOGY

To develop patient-specific medical technology solutions of the future and set new standards in personalized patient care, we are looking for Machine Learning/Simulation support for our Medical Research & AI department!

 **4320 Perg /
4053 Ansfelden** **ab 3.843€
(bei 38,5h)** **40-60%
Homeoffice**

Your Skills

- Completed university degree (MSc, PhD) in a technical or scientific discipline
- Practical experience and expertise in statistical data analysis, ML/AI, and related tools and libraries (PyTorch, TensorFlow, R)
- Experience with FEM simulation tools (CalculiX, Ansys, SymPy)
- Enthusiasm for interdisciplinary challenges and problem-solving in the field of medical technology
- Proactive, open-minded, creative, and solution-oriented
- Strong communication skills and analytical thinking
- Passion for advancing and shaping future technologies in medical technology

Your Tasks

- Development of approaches/methods for the automated planning of surgical reconstructions of various anatomical structures using AI/ML
- Application of numerical simulation techniques to model the musculoskeletal system and address implant-related challenges across different medical indications
- Conducting and documenting proof-of-concept analyses up to MVPs for ML-based medical devices
- Development of innovative technologies for personalized patient care
- Diverse responsibilities: from data exploration and feature engineering to selecting appropriate methods and statistical techniques, model training and evaluation, and ultimately prototyping
- Active participation in (inter)national research projects in medical technology
- Contributing to publications and research proposals
- Acquiring and implementing new technologies in an interdisciplinary environment

We Offer

- Versatile technical projects in medical technology - with your work you help a lot of people every day
- Flexible working hours (home office option) and independent working in a young team
- A pleasant working atmosphere
- Possibility for personal development and training
- Exciting employee events
- Good coffee, chess and table football
- Free on-site parking
- Close to the train station
- Office space near Linz
- Meal allowance

Salary

The annual salary is **53.802€ gross on a full-time basis** according to the IT collective agreement. Willingness to pay more based upon qualifications and experience.



About CADS

CADS GmbH, based in Perg, in collaboration with the KLS Martin Group, is the world's leading medical device manufacturer for surgical innovation with its visionary software solutions for professional use.

Digital Health is our Passion. This passion has been the basis of our success for 15 years and makes us a very special employer. We create groundbreaking software solutions that benefit patients and physicians worldwide.

We are constantly working on new developments and industry solutions and see the ideas, skills and potential of our employees as a central component.

You would like to join us on this path and contribute to helping people with your work? Then we would be happy to get to know you and welcome you to our team.



Would you like to become part of our team?
Then send us your application to:

Mrs Magdalena Bertignoll – jobs@cad.s.at



Technologiepark 17
4320 Perg, Austria

www.cads.at