Peter L. Reichertz Institute for Medical Informatics

PhD Student (f/d/m) in the Working Group "Clinical Data Science"

The Hannover Medical School (MHH), with about 10.000 employees the biggest company of Lower Saxony, is a university institution for research and teaching in the human and dental medicine and a university hospital of supra-maximum medical care. Research, teaching, medical care and administration work hand in hand in the integration model at the MHH-campus.

as soon as possible

Your task

- multivariate data analysis of large-scale patient cohorts including omics data
- training and evaluation of high-dimensional machine learning models
- interpretation of machine learning models within biomedical context
- presentation to the scientific community, i.e., by publishing in high-level journals and via presentations at international conferences

Our requirements

- master of science degree in data science / bioinformatics / computational biology / physics or similar research fields
- strong interest in the work with biomedical and / or metabolomics data, machine learning, and statistical programming languages like R or PYTHON
- proficiency in English (written and oral)
- desired: knowledge of the German language

We offer

- temporary part-time position with 25,025 h /week with one of the largest employers in Lower Saxony and an excellent university hospital
- a salary according to TV-L salary group with the benefits of the public service (e.g., VBL)
- working in a motivated, cooperative and international research team of scientists
- excellent perspectives for your scientific career development and networking
- individual training and further education opportunities
- a comprehensive company health management

You have any questions beforehand?
Prof. Dr. Helena Zacharias
+49 511 532 4410

Apply now
ID 1674
Deadline 26.02.2023

The MHH is certified as family-friendly university and stands for the promotion of women in the professional life. Applications of women are particularly welcome. Severely disabled applicants with equal qualifications are given preferential consideration.