Junior Research Group Leader (m/f/d)
Natural Language Processing

Profile of the new junior research group:
- Focus on research and development in Natural Language Processing (NLP), particularly on textual content of electronic health records (EHRs)
- Funding for five years by the German Federal Ministry of Education and Research (BMBF) as part of the Medical Informatics Initiative (MII)
- To develop, adapt, and evaluate methods of NLP and machine learning (ML) for the processing of clinical texts, for experimental application in studies and in clinical data management
- To provide interoperable semantic representations of heterogeneous content of electronic health records aligning with international semantic standards like SNOMED CT, LOINC, and HL-7 FHIR in compliance with data protection principles

Your profile:
- You hold a degree and doctorate in the field of computer science, software engineering, data science or information science, ideally with a focus on medical informatics, bioinformatics, artificial intelligence, machine learning or computational linguistics
- Your scientific achievements are above average (please attach list of publications)
- You have scientific and practical experience in the field of NLP and, if possible, you have already put this into practice in a clinical setting.
- Ideally, you also have skills in software design and have already developed your own software components
- You have already experience in (co-)leading a scientific team, can motivate staff and lead them by your competence

We offer:
- Exciting and interesting research with numerous opportunities for national and international cooperation
- Collaboration in a highly committed team with interdisciplinary excellence
- A high degree of autonomous work
- Close collaboration with researchers from the fields of artificial intelligence and data science
- Excellent opportunities for further education and collaboration. TUM offers extensive dual career options for life partners of employees (https://www.dualcareer.tum.de/mdco-home/)
- A good work-life balance with flexitime and 38.5 weekly working hours
- An attractive and convenient location of your workplace within a 10-minute walk from the TUM-MRI University Hospital, with excellent urban and regional public transport connections
- Performance-related salary in accordance with the TV-L public-sector salary scale plus attractive benefits offered to public-sector employees

The position is limited to 5 years. If the candidates’ suitability for the position in question is equal, severely disabled applicants shall be given preference. Interview-related costs can, unfortunately, not be reimbursed.

We look forward to your application!

Please provide evidence of the required qualifications in your application and submit your detailed application by e-mail quoting number 1197 by 19.9.2021 at the latest to

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