

The **Department of Mathematics and Informatics**, AG Data Science in Biomedicine, Prof. Dr. Dominik Heider, is currently accepting applications for a

Doctoral Researcher (Ph.D. student position)

The position is offered for a period of 3 years, if no former times of qualification must be considered. The starting date is as soon as possible. The position is part-time (65 % of regular working hours) with salary and benefits commensurate with a public service position in the state Hesse, Germany (TV-H E 13, 65 %).

The tasks include scientific services in research and teaching in machine learning (including, e.g., deep learning and ensemble learning) and the development of AI-based diagnostic devices. Within the scope of the assigned tasks, the opportunity for independent scientific work is offered, which serves the own scientific qualification.

The position is limited to a time period deemed adequate for the completion of a doctoral degree. As part of the assigned duties, there will be ample opportunity to conduct the independent scientific research necessary for the completion of a doctorate. The limitation complies to § 2, 1 WissZeitVG.

The successful applicant will hold a university degree (diploma, master's degree, or equivalent) in computer science, data science, bio/medical informatics, physics, or electrical engineering, as well as experience in the field of machine learning and databases. Willingness for interdisciplinary collaboration with researchers from biology and medicine is expected besides the disposition to own scientific qualification (e.g., a Ph.D. project in Data Science). Knowledge of microcontrollers (e.g., Raspberry Pi or Arduino) and sensor data processing is an advantage.

For questions, feel free to contact Prof. Dr. D. Heider at dominik.heider@uni-marburg.de.

We actively support the professional development of junior researchers, e.g. by the offers of Marburg Research Academy (MARA), the International Office, the Higher Education Didactics Office and the Human Resources Development Office.

We support women and strongly encourage them to apply. In areas where women are underrepresented, female applicants will be preferred in case of equal qualifications. Applicants with children are welcome - Philipps-University is certified as a family-friendly university. Sharing a full-time position (§ 8 Abs. 2 S. 1 HGIG) as well as a reduction of working time is possible. Applicants with a disability as described in SGB IX (§ 2 Abs. 2, 3) will be preferred in case of equal qualifications. Application and interview costs can not be refunded.

Please send your application mentioning registration number fb12-0020-wmz-2021 as a single PDF file to Prof. Dr. Dominik Heider, dominik.heider@uni-marburg.de before 20.08.2021.