German Research Center for Artificial Intelligence
Deutsches Forschungszentrum für Künstliche Intelligenz

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To strengthen our steadily growing team in the research department Algorithmic Business and Production in Saarbrücken we are looking for a

Researcher (M.Sc.) / PhD Student (f/m/x)
(full- or part-time, initially limited to 2 years)

The research department Algorithmic Business and Production, headed by Prof. Dr. Jana Koehler works on AI-based solutions for the intelligent analysis und optimization of business and industrial processes. The intelligibility of event-based data and models is of particular interest to secure the correctness, robustness, and compliance of processes.

Your tasks:

» Contributions to the interdisciplinary research project XAINES, which investigates the transparency, compliance, and explainability of AI-Systems
» Own research towards a doctoral thesis in the area of model and data intelligibility with a focus on event-based data and constraint-based optimization models in industrial applications
» Support of teaching activities at Saarland University

Your qualifications:

» Master degree in Computer Science with a focus on AI (constraint programming, reinforcement learning, AI planning) or mathematics (discrete optimization, scheduling algorithms)
» Solid knowledge of agile development and requirements engineering
» Very good knowledge of German and English
» Good team working, presentation and communication skills

Your benefits :

» Manifold opportunities to advance your own career and network
» Multi-disciplinary teamwork and freedom for own initiatives
» Excellent research and industrial contacts
» An innovative, agile and professional research environment at one of the leading computer science sites in Germany

We look forward to receiving your informative application documents and your earliest possible starting date by the 05.01.2021.

Please contact Andrea Nawrath-Herz for further information and send your application via E-Mail to abp-office@dfki.de.

The German Research Center for Artificial Intelligence (DFKI) is Germany's leading business-oriented research institution in the field of innovative software technologies based on artificial intelligence methods. In the international scientific community, DFKI ranks among the most recognized "Centers of Excellence" and currently is the biggest research center worldwide in the area of Artificial Intelligence and its application in terms of number of employees and the volume of external funds. The DFKI cooperates closely with national and international companies.

Severely disabled applicants and peers are given special consideration if they are equally suitable. The DFKI intends to increase the share of women in the field of science and therefore urges women to apply.

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