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

Postdoctoral Researcher (f/m/x)
(full-time 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 and optimization of business and industrial processes using Constraint and CP-SAT Solvers. We are integrating Reinforcement Learning methods into the modeling process in order to further scale the performance of CP-SAT solvers.

Your tasks:

ภาคฉกรรจ์
-
Development of methods for applying reinforcement learning for the automatic improvement and validation of constraint models
-
Acquisition and execution of national and international research and development projects
-
Work in industrial consulting and supervision of student projects

Your qualifications:

ภาคฉกรรจ์
-
Doctoral degree in computer science, mathematics, theoretical physics, or computational science with a focus on modeling methods
-
Interest in implementing own ideas in practical applications (in industry 4.0, biological and environmental sciences)
-
Very good command of German and English
-
Team spirit and interest in working in a dynamic and growing team
-
Good presentation and communication skills

Your benefits:

ภาคฉกรรจ์
-
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 up to 15.09.2020. 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.