Application deadline: March 15th, 2017

Researcher in Machine Learning and Deep Learning in Machine Translation and NLP, German Research Center for Artificial Intelligence, DFKI, Germany

The Multilingual Technologies (MLT) Lab at DFKI is looking to expand its expertise in Machine Learning and Deep Learning for Language Technologies with a focus on Machine Translation, Text Analytics and Classification. Depending on experience, the position is available at the Junior Researcher/Researcher/ Senior Researcher level.

Key research responsibilities include:
- machine learning and deep learning for natural language processing
- statistical and neural models of MT, text classification and predictive analytics
- software development and integration
- publication in top-tier conferences and journals

General responsibilities include:
- administrative work associated with programmes of research
- identification of funding opportunities and engagement in proposal writing
- engagement with industry partners and contract research
- contribution to teaching and supervision in accordance with University and DFKI rules and regulations

Requirements:
- MSc/PhD in computer science, machine learning, natural language processing, computational linguistics or similar
- Strong background and track record in machine learning, neural nets and deep learning
- Strong background and track record in MT and NLP
- Excellent programming skills
- Excellent problem solving skills, independent and creative thinking
- Excellent team working and communication skills
- Excellent command of written and oral English
- Command of German and other languages are an advantage but not a requirement

The successful applicant will report to Prof. Josef van Genabith (Scientific Director Multilingual Technologies, DFKI, and Chair of Translation-Oriented Language Technologies, Saarland University).

Working environment:
DFKI is one of the largest AI research institutes worldwide, with several sites in Germany. DFKI covers and connects basic research and applications. DFKI is a non-for-profit company with more than 500 researchers from over 60 countries covering all aspects of AI. DFKI is based on a shareholder model including globally
operating companies such as Intel, Google, Microsoft, Nuance, SAP, BMW, VW, Bosch, Deutsche Telekom, several SMEs, three German universities and three German Federal States.

The DFKI MLT lab offers the opportunity of working in an international team that combines excellent research with innovative applications. The MLT lab partners in European, national and industry funded research projects in all areas of Language Technologies (including machine translation, human-robot communication, speech, information extraction, question answering, the multi-lingual web). The MLT lab currently leads the H2020 European Research project QT21 (http://www.qt21.eu/) on MT, the EU CEF funded ELRC project (http://lr-coordination.eu/) and the EU funded TRADR project on human-robot collaboration in disaster scenarios (http://www.tradr-project.eu/).

The MLT lab is part of the DFKI site at the Saarland University campus in Saarbrücken, Germany. Saarland University has exceptionally strong Computer Science and Computational Linguistics departments, two Max Plank Institutes in Computer Science, an Excellence Cluster in Multimodal Computing and Interaction (http://www.mmci.uni-saarland.de/en/start) and several International Doctoral and Master programmes in Computer Science and Computational Linguistics. DFKI staff regularly engage in teaching and supervision at Saarland University.

Geographical environment:
Saarbrücken (http://www.saarbruecken.de/en) is the capital of Saarland with approximately 190,000 inhabitants. It is located right in the heart of Europe and is the cultural center of this border region of Germany, France and Luxembourg. Some of the closest larger cities are Trier, Nancy, Kaiserslautern, Mannheim, Karlsruhe and Frankfurt. Paris can be reached by train just under 2 hours. Living costs in Saarbrücken are modest in comparison with other large cities in Germany and elsewhere in Europe.

Starting date, duration, salary ranges:
Preferred starting date is April/May 2017. The position is available until September 30, 2020, with opportunities for extension depending on performance and future funding. The compensation reflects individual competence, seniority and special skills and is in line with TV-ÖD payment schemes E10 to E15 (40K – 72K). There are additional allowances for project leadership etc.

Application:
Applications are required to include a short cover letter, a CV, list of publications, a brief summary of research interests, and contact information for three references. Please send your electronic application (preferably in PDF format) to mlt-sek@dfki.de referring to job opening no. 22-17/JvG. Deadline for applications is March 15, 2017. The position remains open until filled. Please contact josef.van_genabith@dfki.de for informal inquiries.