Application deadline: March 31st, 2017

Researcher in Machine Learning and Natural Language Processing, DFKI, German Research Center for Artificial Intelligence, Germany

The Multilingual Technologies (MLT) Lab at DFKI is looking to expand its expertise in Machine Learning with a focus on Deep Learning, Machine Translation and possibly other areas of NLP. Depending on experience, the position is available at the Junior/Researcher/Senior/Principal Researcher level.

Key research responsibilities include:

- machine and deep learning for natural language processing/machine translation
- software development and integration
- publication in top-tier conferences and journals

General responsibilities include:

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

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 NLP and MT
- 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 not a requirement but helpful

The successful applicant will work in the DFKI MLT lab led by Prof. Josef van Genabith (Scientific Director MLT, 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, covering basic research and applications. DFKI is a not-for-profit company with more than 500 researchers from 60+ countries across the globe. 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 Multilingual Technologies lab partners in international, national and industry funded research projects in all areas of Language Technologies (including machine translation, question answering, information extraction, human-robot communication, speech and 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, Mannheim, Karlsruhe and Frankfurt. Paris can be reached by train in just under 2 hours. Living costs are modest in comparison with other large cities in Germany and elsewhere in Europe.

Starting date, duration, salary:

Preferred starting date is May/June 2017. The position is available until September 30, 2020, with opportunities for extension depending on performance and future funding. Compensation is competitive and reflects individual competence, seniority and special skills.

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) and inquiries to mlt-sek@dfki.de referring to job opening no. 22-17/JvG. Deadline for applications is March 31st, 2017. The position remains open until filled. Please contact josef.van_genabith@dfki.de for informal inquiries.