



UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386

DFG Deutsche
Forschungsgemeinschaft



Postdoc in Bandit/Reinforcement Learning for Machine Translation

The Statistical Natural Language Processing Lab at the Department of Computational Linguistics at Heidelberg University (<http://www.cl.uni-heidelberg.de/statnlpgroup/>), led by Prof. Stefan Riezler, invites applications for a fully funded Postdoc position. The position is situated in a research project on bandit/reinforcement learning for spoken language translation, funded by the German Research Foundation (DFG). Furthermore, it is expected that the Postdoc candidate contribute to the lab and the study program by regularly teaching in our Computational Linguistics program. The appointment is for up to three years and starts at the earliest convenience in 2018. Payment is according to the German TV-L 13 scale (http://www.dfg.de/formulare/60_12/60_12_en.pdf)

Requirements: Applicants should

1. hold a PhD in Computational Linguistics, Computer Science or a related field;
2. have a proven record of excellence in research in the fields of machine learning and/or machine translation;
3. have strong programming skills;
4. have experience in large-scale experimentation;
5. have good communication skills in English, both oral and written.

Applications: Please send a CV, a list of publications, a letter of motivation, including a research statement, and contact information for three references, in a single PDF file to sekretariat@cl.uni-heidelberg.de.

About the StatNLP lab: The group's focus is on machine learning for machine translation. Current and future research directions include neural machine translation, learning to translate from bandit feedback, and spoken language translation. The group's philosophy is to collaborate on research projects and to share knowledge inside the team and with the students of the department. The group is well-connected internationally and cooperates closely with industry partners and the department of computer science (<http://www.ifi.uni-heidelberg.de>) and the interdisciplinary center for scientific computing (<https://typo.iwr.uni-heidelberg.de>) at Heidelberg University. Concerning Heidelberg, well, as Goethe already said: "Die Stadt in ihrer Lage und mit ihrer ganzen Umgebung hat, man darf sagen, etwas Ideales."