

PhD and Post-doc Positions in Data-Driven Process Analytics at the University of Mannheim (E 13 TV-L, 100%)

We are looking for talented and motivated computer scientists (or a related background) to join the new *Process Analytics* research group, headed by Prof. Dr. Han van der Aa, at the School of Business Informatics and Mathematics. We offer positions for PhD candidates and post-doctoral researchers in the area of process analysis, such as process mining or robotic process automation, preferably at the intersection with artificial intelligence (e.g., involving machine learning and natural language processing).

Your profile

- You have a university degree (master's or equivalent) in a relevant field, such as computer science, business informatics, industrial engineering, operations research, etc., with notable grades.
- (For Post-docs: a PhD in a corresponding area and publications at renowned international conferences and/or journals.)
- You have excellent analytical skills and can work autonomously.
- You can turn ideas into prototypical software (experience in Python or Java is preferred).
- You are fluent in English and have good communication skills (both oral and written).
- You have an intrinsic interest in the topic and in research (e.g., in pursuing a PhD).

Prior knowledge related to process analysis is an asset, but not a must for applying PhD candidates. The same holds for knowledge of German.

Your responsibilities

- You will conduct research involving the design, development, and analysis of cutting-edge techniques in the area of process analysis.
- You will supervise bachelor's and master's students working on related topics, as well as have a small involvement in teaching.
- You will present your work at national and international conferences.
- For PhD candidates, you will work towards a PhD thesis in a 4-year period.

What we offer

We offer full time positions with a salary according to TV-L E 13 of the German public sector, for an intended period of 4 years (for Post-docs, the length can be discussed). The positions are available as of April 2020, but the starting date is flexible.

How to apply?

Please send your application (in a single pdf file) by email to Prof. Dr. Van der Aa (contact@hanvanderaa.com; subject: PhD [Post-doc] application) by **February 29, 2020**. The

application should include a brief statement of interest/motivation letter, a curriculum vitae, copies of certificates, a summary or abstract of your master's thesis, and (if applicable) a list of publications. References (names and contact information) are helpful as well. Applications will be considered as they are received and until the positions are filled.

The University of Mannheim is an equal-opportunities employer. Preference will be given to applicants with disabilities provided they have the same qualifications. The University of Mannheim strives to increase the proportion of women in research and teaching and therefore encourages qualified women to apply.

More information

For any questions or further information, please do not hesitate to contact Prof. Dr. Van der Aa (contact@hanvanderaa.com).