

The Research Center for Digital Sustainability at the Institute of Computer Science at the University of Bern is looking for a PhD student starting in May 2020:

PhD Position in Computer Science on NLP

Position: We have an opening for a PhD position in the area of text mining and Natural Language Processing (NLP). The objective is to develop an online deanonymization platform for hundreds of thousands court decisions (legal documents) in order to identify weaknesses in today's anonymization techniques eventually leading to stronger anonymization methods. This PhD position is part of the research project "Open Justice vs. Privacy" within the National Research Programme (NRP) 77 on Digital Transformation (<http://www.nfp77.ch>) together with lawyers from the Center for Public Management (KPM) of University of Bern.

Your profile: We are looking for a highly motivated candidate, who is eager to get involved in cutting edge, interdisciplinary research (computer science and public administration). You hold a Master of Science in Computer Science, Mathematics or Engineering, with a solid background in machine learning and NLP. You have excellent programming skills (e.g. Python, C/C++) and a solid background in Deep Learning and NLP tools. We expect fluent communication skills in English. In addition, German and/or French reading skills are a must in order to understand Swiss court decisions.

What we offer: You will be part of the team of the Research Center for Digital Sustainability. You will have the chance to participate in the interdisciplinary research community of the NRP 77 project. We are located in Bern in the core of Switzerland, one of the cities with the highest quality of life worldwide. You will receive a competitive salary (Swiss National Science Foundation SNSF doctoral student annual salary ranges from CHF 47'000 to 50'000) and financial support to attend training courses and international conferences.

Application: Applications (including motivational letter, CV, grades, academic degrees) must be submitted until 15 March 2020 to fdn-jobs@inf.unibe.ch. For any particular questions please contact Dr. Matthias Stürmer, head of the Research Center for Digital Sustainability, at matthias.stuermer@inf.unibe.ch

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