Curriculum Vitae
Masha Medvedeva

Personal Information

Name:	Masha Medvedeva
Place and Date of Birth:	Moscow, Russia | 21 December 1993
Currently living in :	The Hague, the Netherlands
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Profile

I am a legal tech engineer and researcher. My work lies within analysing and implementing solutions for automation in legal domain, as well as analysing products that are currently on the market. In the past much of my work lied within automatic detection of linguistic patterns within legal data, with particular focus on predicting court decisions. A lot of my experience is working with judgements of the European Court of Human Rights as well as Dutch case law. My professional interests include but are not limited to improving accessibility to justice, legal analytics, interpretability of NLP models, automation through AI, and related areas. I am looking for engineering, advisory and consulting positions in legal technology in the Netherlands and/or remote.

Relevant Work Experience

2022-present **Researcher** in Legal Technology
Department of Digital Security, Radboud University, Nijmegen

- Evaluating legal tech tools available on the market and researching their claimed and actual functionality
- Developing an educational tool to help legal experts understand technology behind legal tech services
- Publishing academic work in AI and Law

2017-2022 **PhD candidate** in NLP and Law
Centre for Language and Cognition Groningen & Department of Legal Science, University of Groningen

- Researched a variety of topics in AI and Law
- Implemented machine learning systems for predicting and analysing court decisions in Dutch, French and English
- Developed systems for legal data analysis
- Consulted on developing legal tech tools
- Developed methodology and fundamental terminology in the field of predicting court decisions
- Successfully managed and budgeted 4,5-year project
- Supervised and mentored students, research assistants and interns
- Published 20+ articles
- Presented at 25+ international conferences
- Taught ML and NLP at bachelors and masters level

Media about my work

NRC	https://www.nrc.nl/nieuws/2020/12/30/robot-weet-welke-uitspraak-het-hof-zal-doen-a4025683 (Dutch)
Mr. Online	https://www.mr-online.nl/computer-voorspelt-ehrm-uitspraken/ (Dutch)
The Law of Tech Podcast	https://thelawoftech.com/podcast/using-machine-learning-to-predict-court-decisions-of-the-ecthr/

Education

2017-2022	**Doctor of Philosophy** in NLP & Law *(expected Sept. 8, 2022)* **University of Groningen**, the Netherlands
2015-2017	Joint Degree in Language and Communication Technologies, MA at **University of Groningen**, the Netherlands MSc at **Saarland University**, Germany
Fall 2013	Exchange Semester (Linguistics) at **University of Bern**, Switzerland
2011-2015	BA in Fundamental and Computational Linguistics *(cum laude)* **National Research University Higher School of Economics**, Moscow, Russia

Areas of Expertise

Python, Machine Learning, Natural Language Processing, Unix, Legal Technology, Legal Analytics, Judicial Diagnostics, Predictive (In)justice, Neural Networks, Information Retrieval, Information Extraction, Language Technology, Dutch Case Law, European Court of Human Rights

Languages

English (fluent), Russian (native), Dutch (limited working proficiency)

Selected publications

Medvedeva, M., Wieling, M., and Vols, M. (2022). Rethinking the field of automatic prediction of court decisions. *Artificial Intelligence and Law.*

Medvedeva, M., Dam, T., Wieling, M., and Vols, M. (2021). Automatically identifying eviction cases and outcomes within case law of dutch courts of first instance. In *Legal Knowledge and Information Systems*, pages 13–22. IOS Press.

Medvedeva, M., Vols, M., and Wieling, M. (2019). Using Machine Learning to Predict Decisions of the European Court of Human Rights". *Artificial Intelligence and Law*, pages 1–30.

For an exhaustive list of my work experience, projects and publications see:
https://masha-medvedeva.github.io/CV/MashaMedvedeva_FullCV.pdf