ESTHER VAN DEN BERG

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EDUCATION

2016 – present   Heidelberg University
PhD COMPUTATIONAL LINGUISTICS
Thesis: "Computational and Corpus-based Analysis of Entity Framing"

2014 – 2016   Saarland University — University of Groningen (Erasmus Mundus Joint Degree)
MSc & MA LANGUAGE AND COMMUNICATION TECHNOLOGIES
Thesis: "Noisy Label Neural Networks"

2011 – 2014   VU University Amsterdam
BA LINGUISTICS & ENGLISH LINGUISTICS

PROFESSIONAL EXPERIENCE

2016 – 2020   Leibniz ScienceCampus:
Empirical Linguistics and Computational Language Modeling
RESEARCHER
- Improved deep learning methods for detecting entity framing in news texts
- Studied how political figures are framed on Twitter in multiple languages

Summer 2019   CoGrammar Ltd
CONTENT EDITOR
- Created text and exercises on machine learning for a Data Science course

2014 – 2015   University of Groningen
RESEARCH ASSISTANT
- Automated annotation of Greek epigraphs using relational databases

2013 – 2014   VU University of Amsterdam
RESEARCH ASSISTANT
- Co-designed annotation scheme for the MetLab's visual metaphor corpus

PUBLICATIONS

Esther van den Berg, Katharina Korfhage, Josef Ruppenhofer, Michael Wiegand and Katja Markert (2020). Doctor Who? Framing Through Names and Titles in German. In: Proceedings of the 12th Conference on Language Resources and Evaluation, pages 4924-4932.

David Ifeoluwa Adelani, Michael A. Hedderich, Dawei Zhu, Esther van den Berg, and Dietrich Klakow. Distant Supervision and Noisy Label Learning for Low Resource Named Entity Recognition: A Study on Hausa and Yorùbá. *arXiv preprint arXiv:2003.08370* (Accepted to ICLR Workshop, 2020).

Esther van den Berg, Katharina Korfhage, Josef Ruppenhofer, Michael Wiegand and Katja Markert (2019). Not My President: How Names and Titles Frame Political Figures. In: Proceedings of the Third Workshop on NLP and Computational Social Science at NAACL, pages 1-6.

Marianna Bolognesi, Romy van den Heerik & Esther van den Berg (2018). VisMet: a corpus of visual metaphors. *Visual Metaphor: structure and process. Amsterdam: Benjamins Publishers*.

Julian Hitschler, Esther van den Berg and Ines Rehbein (2017). Authorship attribution with convolutional neural networks and POS-eliding. In: Proceedings of the Workshop on Stylistic Variation at EMNLP, pages 53-58.

Manuela Hürlimann, Benno Weck, Esther van den Berg, Simon Šuster, and Malvina Nissim. GLAD: Groningen Lightweight Authorship Detection (2015). Notebook for PAN at CLEF 2015, In: Linda Cappellato, Nicola Ferro, Gareth Jones, and Eric San Juan, editors, CLEF 2015 Evaluation Labs and Workshop – Working Notes Papers, pages 8-11.

SKILLS

Technological	Python, Pandas, PyTorch, AllenNLP, Scikit-learn, NLTK, LaTex, Unix, Weka, R
Focus Areas	Sentiment Analysis, Bias Detection, Authorship Attribution
Languages	Fluent: Dutch, English, German, Intermediate: French, Spanish
Personal	Cooking, table tennis, percussion, hiking, swimming