

# Folgert B. Karsdorp

POSTDOCTORAL RESEARCHER · PROGRAMMER

Roomeinde 45, 1151 AM, Broek in Waterland, The Netherlands

☎ (+31) 641 42 21 36 | ✉ research@karsdorp.io | 🏠 www.karsdorp.io | 📺 fbkarsdorp | 🐦 @FolgertK

*Researching Folklore, Data Science and Cultural Evolution*

## Education

---

### Radboud University

PHD (CUM LAUDE)

- Research on the cultural evolution of stories through computational models.
- Supervisors: Prof. dr. Antal van den Bosch & Prof. dr. Franciska de Jong.

*Nijmegen, The Netherlands*

*Jan. 2012 - Dec. 2016*

### Leiden University

MA IN LINGUISTICS (CUM LAUDE)

- Specialization in Language Philosophy and Computational Linguistics.
- Erasmus exchange student at the Free University Berlin.

*Leiden, The Netherlands*

*Sept. 2007 - Aug. 2009*

### Leiden University

BA IN DUTCH LANGUAGE AND CULTURE

- Graduated with honors.
- Specialization in Corpus Linguistics.

*Leiden, The Netherlands*

*Sept. 2004 - Aug. 2007*

## Academic Experience

---

### Meertens Instituut

POSTDOCTORAL RESEARCHER (TENURE TRACK)

- Primary Researcher of Folk Songs and the Dutch Folk Song Database.

*Amsterdam, The Netherlands*

*Sept. 1 - PRESENT*

### Princeton University Press

WRITER (FIRST AUTHOR)

- Contract for writing a book about Data Science for the Humanities and Social Sciences.

*Princeton, U.S.A*

*Jan. 2016 - PRESENT*

### Radboud University

RESEARCH ASSISTANT

- Research Assistant under supervision of Antal van den Bosch.

*Nijmegen, The Netherlands*

*Apr. 2016 - Aug. 2016*

### Instituut voor Nederlandse Lexicologie

RESEARCHER (COMPUTATIONAL LINGUIST)

- Development of a memory-based morphological parser of (historical) Dutch.

*Leiden, The Netherlands*

*Aug. 2010 - Dec. 2011*

### Freie Universität Berlin

RESEARCH ASSISTANT

- Research on modeling child language using memory-based learning methods.

*Berlin, Germany*

*Sept. 2009 - Jul. 2010*

## Honors & Awards

---

### INTERNATIONAL

May 2015 **Best Paper Award**, Sixth Workshop on Computational Models of Narrative

*Atlanta, U.S.A*

## Skills

---

**Programming** Python, Cython, C/C++, Java, Javascript, Lisp, LaTeX  
**Frameworks** Scikit-Learn, Gensim, NLTK, Weka, Stanford NLP, Pattern, Mallet, Sofia-ml, TensorFlow  
**Web** Flask, Angular JS, CSS, LESS  
**Languages** Dutch, English, German

**Communication**

- Experienced in presenting research to academic audiences and non-academic audiences;
- Close collaborations with other PhD students and postdoc researchers.

**Organization**

- Part of the organizing team for the workshop on the Transmission of Tunes & Tales (May 2016, Amsterdam).
- Primary reviewer at EMNLP 2013;

**Committees and Panels**

- Member of the steering committee of the DHBenelux conference;
- Member of the Programme Committee and reviewer of DHBenelux 2014 & 2015;
- Panel member / discussant at the Computation Linguistics in the Netherlands conference 2015.

## Academic Teaching

---

### Scraping Twitter with Python

DIGITAL DISRUPTION IN ASIA CONFERENCE, KITLV

• Workshop on scraping Twitter with Python (available from [github.com/fbkarsdorp/twitter-workshop](https://github.com/fbkarsdorp/twitter-workshop)).

*Leiden, The Netherlands*

*May 24, 2016*

### Cultural Selection of Fairy Tales

DIGITAL HUMANITIES LECTURE SERIES, RADBOD UNIVERSITY

• BA class on cultural selection and evolution of fairy tales.

*Nijmegen, The Netherlands*

*Apr. 28, 2016*

### Digital text analysis

LOT WINTER SCHOOL, TILBURG UNIVERSITY

• Five-day (MA-, PhD-level) course on computational text analysis, with special focus on ‘authorship attribution’, ‘text normalization’, and ‘linguistic profiling’. (Available from [github.com/mikekestemont/lot2016](https://github.com/mikekestemont/lot2016))

*Tilburg, The Netherlands*

*Jan. 18 - 22, 2016*

### Python for Humanities

GHEENT UNIVERSITY

• The objective of this (MA-, PhD-level) course was to familiarize students with the programming language Python for the computational processing of texts. (Available from [github.com/mikekestemont/ghent1516](https://github.com/mikekestemont/ghent1516))

*Ghent, Belgium*

*Dec. 2015 - Apr. 2016*

### Python for Lunch

DIGITAL HUMANITIES LECTURE SERIES, LUCL

• Introduction and overview of Python for the Humanities. (Available from [github.com/fbkarsdorp/python-for-lunch](https://github.com/fbkarsdorp/python-for-lunch))

*Leiden, The Netherlands*

*Oct. 1, 2015*

### Python for the Arts and Humanities

LITERARY LAB, GHEENT UNIVERSITY

• Four-day (MA-, PhD-level) workshop on programming with Python for the Humanities and Social sciences.

*Ghent, Belgium*

*Mar. 23 - 26, 2015*

### Python for the Arts and Humanities

MAYNOOTH UNIVERSITY

• Three-day (MA-, PhD-level) workshop on programming with Python for the Humanities and Social sciences.

*Maynooth, Ireland*

*Feb. 16 - 18, 2015*

### Introduction and tutorial in humanities programming with Python

DARIAH INTERNATIONAL DIGITAL HUMANITIES SUMMER SCHOOL

• Five-day (MA-, PhD-level) workshop on programming with Python for the Humanities and Social sciences.

*Göttingen, Germany*

*Aug. 17 - 30, 2014*

### Advanced Programming with Python

EUROPEAN SUMMER SCHOOL IN DIGITAL HUMANITIES CULTURE & TECHNOLOGY

• Five-day (MA-, PhD-level) workshop on into advanced topics in humanities programming with Python.

*Leipzig, Germany*

*Jul. 22 - Aug. 1, 2014*

### Introduction into Python Programming for the Humanities

UNIVERSITY OF ANTWERP

• Five-day (MA-, PhD-level) workshop on programming with Python for the Humanities and Social sciences.

*Antwerp, Belgium*

*Mar. 31 - Apr. 4, 2014*

### Introduction into Python Programming for the Humanities

RADBOD UNIVERSITY

• Three-day (MA-, PhD-level) workshop on programming with Python for the Humanities and Social sciences.

*Nijmegen, The Netherlands*

*Apr. 2013*

## Academic Publications

---

### JOURNAL ARTICLES

## Why Red Riding Hood ain't what she used to be. Gradual accumulation of modification in children's literature.

FOLGERT KARSDORP

under review

## The Structure and Evolution of Story Networks.

FOLGERT KARSDORP, ANTAL VAN DEN BOSCH

2016

*Royal Society Open Science* 3 (2016): 160071. [dx.doi.org/10.1098/rsos.160071](https://doi.org/10.1098/rsos.160071)

## Authenticating the Writings of Julius Caesar.

MIKE KESTEMONT, JUSTIN STOVER, MOSHE KOPPEL, FOLGERT KARSDORP, WALTER DAELEMANS

2016

*Expert Systems With Applications* (2016). [dx.doi.org/10.1016/j.eswa.2016.06.029](https://doi.org/10.1016/j.eswa.2016.06.029)

## Automatic Enrichment and Classification of Folktales in the Dutch Folktale Database.

THEO MEDER, FOLGERT KARSDORP, DONG NGUYEN, MARIËT THEUNE, DOLF TRIESCHNIGG, IWE MUISER

2016

*Journal of American Folklore* 129, no. 511 (2016): 78-96.

## MOMFER: A Search Engine of Thompson's Motif-Index of Folk Literature.

FOLGERT KARSDORP, MARTEN VAN DER MEULEN, THEO MEDER, ANTAL VAN DEN BOSCH

2015

*Folklore* 126 (2015): 37-52.

## Het is groen en leeft nog lang en gelukkig. Classificatie van volksverhaalgenres op basis van formules.

FOLGERT KARSDORP

2013

*Tijdschrift voor Nederlands Taal- en Letterkunde* 129 (2013): 274-288.

## De relatie tussen schema's en analogische verbindingen.

FOLGERT KARSDORP, MATTHIAS HÜNING

2012

*Nederlandse Taalkunde* 17, no. 2 (2012): 261-267.

## Regelmaat in een regelloos systeem. De Nederlandse superlatief.

FOLGERT KARSDORP, BAREND BEEKHUIZEN

2010

*Voortgang: Jaarboek van de Neerlandistiek* (2010): 29-50.

## CONFERENCE PROCEEDINGS

### Authorship Verification with the Ruzicka Metric.

Krakow, Poland

MIKE KESTEMONT, JUSTIN STOVER, MOSHE KOPPEL, FOLGERT KARSDORP, WALTER DAELEMANS

in press

*Proceedings of the Digital Humanities 2016 conference* (2016).

### Animacy Detection in Stories.

Atlanta, U.S.A

FOLGERT KARSDORP, MARTEN VAN DER MEULEN, THEO MEDER, ANTAL VAN DEN BOSCH

2015

*Proceedings of the 6th Workshop on Computational Models of Narrative (CMN 2015)*, 82-97, 2015.

### The Love Equation. Computational Modeling of Romantic Relationships in French Classical Drama.

Atlanta, U.S.A

FOLGERT KARSDORP, MIKE KESTEMONT, CHRISTOF SCHÖCH, ANTAL VAN DEN BOSCH

2015

*Proceedings of the 6th Workshop on Computational Models of Narrative (CMN 2015)*, 98-107, 2015.

### Cadence Detection in Western Traditional Stanzaic Songs using Melodic and Textual Features.

Taipei, Taiwan

PETER VAN KRANENBURG, FOLGERT KARSDORP

2014

*Proceedings of the 15th International Society for Music Information Retrieval Conference (ISMIR 2014)*, 391-396, 2014.

### Mining the Twentieth Century's History from the Time Magazine Corpus.

Gothenburg, Sweden

MIKE KESTEMONT, FOLGERT KARSDORP, MARTEN DÜRING

2014

*Proceedings of the 8th Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities (LaTeCH) @ EACL*, 62-70, 2014.

### Identifying motifs in folktales using topic models.

Nijmegen, The Netherlands

FOLGERT KARSDORP, ANTAL VAN DEN BOSCH

2013

*Proceedings of BENELEARN*, 41-49, 2013.

### Casting a Spell: Identification and Ranking of Actors in Folktales.

Lisbon, Portugal

FOLGERT KARSDORP, PETER VAN KRANENBURG, THEO MEDER, ANTAL VAN DEN BOSCH

2012

*Proceedings of the Second Workshop on Annotation of Corpora for Research in the Humanities (ACRH-2)*, 39-50, 2012.

### In search of an appropriate abstraction level for motif annotations.

Istanbul, Turkey

FOLGERT KARSDORP, PETER VAN KRANENBURG, THEO MEDER, DOLF TRIESCHNIGG, ANTAL VAN DEN BOSCH

2012

*Proceedings of the 2012 Computational Models of Narrative Workshop*, 22-26, 2012.

## BOOK CHAPTERS

### **Alternerend on- en niet: een statistische en corpus-gebaseerde analyse.**

FOLGERT KARSDORP

2009

*Woorden wisselen. Voor Ariane van Santen bij haar afscheid van de Leidse universiteit.* Leiden, 2009.