

# Andreas van Cranenburgh

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## Personal

Born on September 21, 1984 (Amsterdam).

Dutch citizen.

## Education

BSc Artificial Intelligence, University of Amsterdam, 2009.

MSc Logic, *Cum Laude*, University of Amsterdam, 2011.

PhD, University of Amsterdam, expected to defend mid 2016.

Advisor: Rens Bod. Thesis title: Data-Oriented Analysis of Syntax and Literature.

## Teaching

Digital Humanities BA Hons. course 2015, University of Amsterdam.  
Course created and taught together with Corina Koolen.

Student assistant for 'Logic Programming' course, BSc Artificial Intelligence, University of Amsterdam: 2008, 2009, 2010.

## Published/accepted publications (peer-reviewed)

Andreas van Cranenburgh, Remko Scha, Rens Bod (to appear). Data-Oriented Parsing with Discontinuous Constituents and Function Tags. *Journal of Language Modelling*, 55 pp.

Andreas van Cranenburgh, Corina Koolen (2015). Identifying Literary Novels with Bigrams. *Workshop on Computational Linguistics for Literature*. <http://aclweb.org/anthology/W15-0707>

Federico Sangati, Andreas van Cranenburgh (2015). Multiword Expression Identification with Recurring Tree Fragments and Association Measures. *Workshop on Multiword Expressions*. <http://aclweb.org/anthology/W15-0902>

Andreas van Cranenburgh (2014). Extraction of Phrase-Structure Fragments with a Linear Average Time Tree-Kernel. *Computational Linguistics in the Netherlands Journal*, vol. 4, pp. 3-16.

Andreas van Cranenburgh, Rens Bod (2013). Discontinuous Parsing with an Efficient and Accurate DOP Model. *International Conference on Parsing Technologies (IWPT)*.

- Kim Jautze, Corina Koolen, Andreas van Cranenburgh, Hayco de Jong (2013). From high heels to weed attics: a syntactic investigation of chick lit and literature. Workshop on Computational Linguistics for Literature. <http://aclweb.org/anthology/W13-1410>
- Andreas van Cranenburgh (2012). Literary authorship attribution with phrase-structure fragments. Workshop on Computational Linguistics for Literature. <http://aclweb.org/anthology/W12-2508>
- Andreas van Cranenburgh (2012). Efficient parsing with linear context-free rewriting systems. Conference of the European Chapter of the Association for Computational Linguistics (EACL). <http://aclweb.org/anthology/E12-1047>
- Andreas van Cranenburgh, Remko Scha, Federico Sangati (2011). Discontinuous Data-Oriented Parsing: A mildly context-sensitive all-fragments grammar. Workshop on Statistical Parsing of Morphologically-Rich Languages. <http://aclweb.org/anthology/W11-3805>

## Background

**natural languages** Dutch (native), English

**programming languages** Python, Cython, C, Prolog, Java

**interests** Parsing, Programming, Machine Learning, Data structures