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