

# ADAM ROUSSEL

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## EDUCATION

### M.A. COMPUTATIONAL LINGUISTICS

RUHR UNIVERSITY BOCHUM, GERMANY  
Mar 2017 | “with distinction”

### B.A. COMPUTATIONAL LINGUISTICS

RUHR UNIVERSITY BOCHUM, GERMANY  
Sept 2013

### B.A. GERMAN & CLASSICAL STUDIES

LOYOLA UNIVERSITY NEW ORLEANS, USA  
Aug 2010 | GPA: 3.6

### DIPLOMA

LOUISIANA SCHOOL FOR MATH, SCIENCE, AND  
THE ARTS  
May 2006

## LINKS

Website: [linguistics.rub.de/~rousse](http://linguistics.rub.de/~rousse)  
Github: [github.com/ajrousse](https://github.com/ajrousse)  
LinkedIn: [linkedin.com/in/ajrousse](https://www.linkedin.com/in/ajrousse)

## SKILLS

### GENERAL

Natural Language Processing  
Linguistic Analysis  
Software Engineering  
Subtractive Synthesis

### LANGUAGES

**English** (native speaker)

**German** (written and spoken fluency)

Basic familiarity with several others, including  
French and Italian

### PROGRAMMING

Python • R • Java • C# • C++ • Bash

### LIBRARIES & FRAMEWORKS

Pandas, Numpy, Scikit-Learn, SpaCy, Stanford  
CoreNLP  
SQL • Git • XML • Unix utilities

## EXPERIENCE

### RUHR UNIVERSITY BOCHUM RESEARCH ASSOCIATE

Apr 2016 to present | Bochum, Germany

- Research on the automatic resolution of abstract anaphoric expressions
- Implementation (Python) of software for anaphora resolution
- Development of software used in the preparation of the Reference Corpora of historical German texts
- Administration of IT infrastructure (Linux servers)

### RUHR UNIVERSITY BOCHUM STUDENT ASSISTANT

Feb 2013 to Apr 2016 | Bochum, Germany

- Corpus preprocessing (tagging, parsing, etc.) and conversion
- Proofreading and editing (L<sup>A</sup>T<sub>E</sub>X) of English language texts

### TECHNICAL UNIVERSITY OF DORTMUND STUDENT ASSISTANT

Apr 2011 to Apr 2014 | Dortmund, Germany

- Maintenance of database systems (MS SQL Server) for the department of electrical engineering
- Development and maintenance of front-end desktop applications (C#) for management of IT inventory, dissertations, and PhD student progress

## PUBLICATIONS

- [1] V. Kolhatkar, A. **Rousse**, S. Dipper, and H. Zinsmeister. Anaphora with non-nominal antecedents in computational linguistics: A survey. *Computational Linguistics*, 44(3):547–612, 2018.
- [2] F. Simonjetz and A. **Rousse**. Crosslinguistic annotation of German and English shell noun complexes. In *Proceedings of the 13th Conference of Natural Language Processing (KONVENS)*, pages 265–278, Bochum, Germany, 2016.
- [3] A. **Rousse**. Detecting and resolving shell nouns in German. In *Proceedings of the NAACL Workshop on Computational Models of Reference, Anaphora, and Coreference (CRAC)*, pages 61–67, New Orleans, LA, USA, 2018.
- [4] A. **Rousse**, S. Dipper, S. Jablotschkin, and H. Zinsmeister. Towards the automatic resolution of anaphora with non-nominal antecedents: Insights from annotation. In *Proceedings of the 14th Conference on Natural Language Processing (KONVENS)*, pages 178–191, Vienna, Austria, 2018.