

Janis Pagel

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Computational Linguistics | Digital Humanities

RESEARCH EXPERIENCE

UNIVERSITY OF STUTTGART | RESEARCH ASSOCIATE

since April 2018 | Stuttgart, Germany

- Member of the QuaDramA project group
- Analysis and processing of German dramatic texts
- Interpretation of cast figures in German plays using Natural Language Processing

UNIVERSITY OF STUTTGART | STUDENT RESEARCH ASSISTANT

Dec 2015 – March 2018 | Stuttgart, Germany

- Annotating German Broadcast Interviews with Information Status Annotations
- Several programming tasks like converting of annotated data into different formats (XML to CoNLL etc.)

RUHR-UNIVERSITY BOCHUM | STUDENT RESEARCH ASSISTANT

Nov 2014 – Sep 2015 | Bochum, Germany

- Analysis of the data regarding different aspects such as similarity between texts and normalization issues
- Modification of the XML data to make it guideline compatible

EDUCATION

UNIVERSITY OF STUTTGART | PHD CANDIDATE

since July 2018

Prospective Thesis Title: Exploiting Text Structure for Domain-Aware Natural Language Processing

UNIVERSITY OF AMSTERDAM | ERASMUS EXCHANGE STUDENT

Feb – June 2017 | Cum. Grade: 8.03/10

Courses: Computability and Interaction • Philosophical Foundations of Distributional Semantics • Structures for Semantics • Unsupervised Language Learning

UNIVERSITY OF STUTTGART | M.Sc. IN COMPUTATIONAL LINGUISTICS

3rd April 2018 | Cum. Grade: 1.3 (Highest poss. grade: 1.0)

Relevant Coursework: Information Retrieval and Text Mining • Grammar Formalisms and Grammar Engineering • Distributional Semantics and Morphology • Foundations of Artificial Intelligence • Computational Morphology • Coreference Resolution

RUHR-UNIVERSITY BOCHUM | B.A. IN LINGUISTICS AND GERMAN STUDIES

25th Sep 2015 | Concentration in Comp. Linguistics | Cum. Grade: 1.1 (Highest poss. grade: 1.0)

Relevant Coursework: Automatic Anaphora and Coreference Resolution • Finite-State Methods in Computational Linguistics • Computational Semantics • Introduction to Lexical Functional Grammar • Introduction to Machine Learning

PUBLICATIONS

CONFERENCE PAPERS

- [1] Prajit Dhar, Janis Pagel and Lonneke van der Plas. 'Measuring the compositionality of noun-noun compounds over time'. In: 1st International Workshop on Computational Approaches to Historical Language Change 2019. Florence, Italy, Aug. 2019, pp. 234–239. url: <https://www.aclweb.org/anthology/W19-4729>.
- [2] Benjamin Krautter and Janis Pagel. 'Klassifikation von Titelfiguren in deutschsprachigen Dramen und Evaluation am Beispiel von Lessings „Emilia Galotti“'. In: Book of Abstracts of DHd. Mainz, Frankfurt am Main, Germany, Mar. 2019, pp. 160–164. doi: 10.5281/zenodo.2596095.

- [4] Janis Pagel, Nils Reiter, Ina Rösiger and Sarah Schulz. 'A Unified Text Annotation Workflow for Diverse Goals'. In: Proceedings of the Workshop for Annotation in Digital Humanities (annDH). Ed. by Sandra Kübler and Heike Zinsmeister. Sofia, Bulgaria, Aug. 2018, pp. 31–36. url: <http://ceur-ws.org/Vol-2155/page1.pdf>.
- [5] Janis Pagel and Ina Rösiger. 'Towards bridging resolution in German: Data analysis and rule-based experiments'. In: Proceedings of the Workshop on Computational Models of Reference, Anaphora, and Coreference (CRAC). Ed. by Massimo Poesio, Vincent Ng and Maciej Ogródniczuk. New Orleans, LA, USA, June 2018, pp. 50–60. url: <http://aclweb.org/anthology/W18-0706>.
- [6] Nils Reiter, Benjamin Krautter, Janis Pagel and Marcus Willand. 'Detecting Protagonists in German Plays around 1800 as a Classification Task'. In: Proceedings of the European Association for Digital Humanities (EADH). Galway, Ireland, Dec. 2018. url: https://eadh2018.exordo.com/files/papers/65/final_draft/article.pdf.

OTHER

- [3] Benjamin Krautter, Janis Pagel, Nils Reiter and Marcus Willand. 'Titelhelden und Protagonisten – Interpretierbare Figurenklassifikation in deutschsprachigen Dramen'. In: LitLab Pamphlets 7 (Nov. 2018). url: https://www.digitalhumanitiescooperation.de/wp-content/uploads/2018/12/p07_krautter_et_al.pdf.

TALKS

INVITED TALKS

- [2] Janis Pagel. Wie frei ist der Mensch in seinen Entscheidungen? Expert for NLP in brainstorm session. Theater Rampe, Stuttgart, Germany, Mar. 2019.

CONFERENCE TALKS (SELECTED)

- [1] Benjamin Krautter and Janis Pagel. Klassifikation von Titelfiguren in deutschsprachigen Dramen und Evaluation am Beispiel von Lessings „Emilia Galotti“. At DHd. Mainz, Frankfurt am Main, Germany, Mar. 2019. url: https://janispagel.de/data/slides/dhd_2019_titelfiguren.pdf.
- [3] Janis Pagel. A Unified Text Annotation Workflow for Diverse Goals. At the Workshop for Annotation in Digital Humanities (annDH). Sofia, Bulgaria, Aug. 2018. url: <https://janispagel.de/data/slides/annotation-workflow.pdf>.
- [4] Janis Pagel. Detecting Protagonists in German Plays around 1800 as a Classification Task. At European Association for Digital Humanities (EADH). Galway, Ireland, Dec. 2018. url: <https://janispagel.de/data/slides/detecting-protagonists-in-german-plays-as-classification-task.pdf>.
- [5] Janis Pagel. Towards bridging resolution in German: Data analysis and rule-based experiments. At the Workshop on Computational Models of Reference, Anaphora, and Coreference (CRAC). New Orleans, LA, USA, June 2018. url: <https://janispagel.de/data/slides/bridging-resolution-german.pdf>.

STIPENDS

E-FELLOWS.NET ONLINE STIPEND

2011 – 2018

EXTRACURRICULAR ACTIVITIES

RUHR-UNIVERSITY BOCHUM | STUDENT REPRESENTATIVE & DEPUTY SPOKESPERSON

Nov 2013 – Oct 2015 | Linguistic Department

Content creator for the Facebook page • Administration and design of the homepage

- Held information sessions for incoming students

TECHNOLOGY

PROGRAMMING & MARKUP

Advanced

Python • Java • R • XML • Shell • \LaTeX

Intermediate

Haskell • HTML5 • CSS • MySQL

Familiar

Perl • C • PHP

LANGUAGES

SPOKEN & WRITTEN

Native fluency

English • German

Reading fluency

Dutch