

# Curriculum Vitae

## Martin Schmitt

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### Education

- Since 10/2016 Ludwig-Maximilians-Universität München, Germany  
**Ph.D. candidate in Natural Language Processing**  
Supervisor: [Hinrich Schütze](#)  
Research & teaching staff member: **Deep Learning** in NLP
- 04/2014 – 09/2016 Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany  
**M.Sc. Computer Science**  
Focus on Programming Systems, Theoretical Computer Science, Artificial Intelligence  
GPA: 1.0 out of 1 (best possible grade)  
Thesis Title: “Ontology-Based Text Classification”
- 09/2014 – 06/2015 Université de Strasbourg, France  
**Software and Knowledge Engineering (Erasmus Exchange)**  
GPA: 17.5 out of 20  
Minor: French Linguistics  
Participation in a project on automatic text simplification
- 04/2012 – 07/2014 Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany  
**Double degree:**  
**B.A. Computer Science / Indo-European Languages**  
GPA: 1.11 out of 1  
Thesis Title: “The Intelligent Shopping List: Natural language understanding and adaptive shopping assistance for an Android shopping list app”
- 10/2010 – 03/2012 Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany  
**Double degree:**  
**B.A. Computational Linguistics / Indo-European Languages**  
Change to Computer Science
- 09/2001 – 06/2010 Heinrich-Schliemann-Gymnasium, Fürth, Germany  
**German Abitur** with main focus on Mathematics and Latin,  
GPA: 1.0 out of 1

### Research

- MLWin* **Machine learning with knowledge graphs (KGs)**  
Text generation from KGs  
Information extraction and taxonomy induction for KG completion  
Joint embedding models for KGs and text  
(both general and domain-specific)
- General interests* **Deep learning** and **vector space models** (embeddings) in NLP  
Artificial neural networks for text classification

Multilingual embedding learning  
Lexical inference in context  
Entailment in knowledge graphs  
*see publications*

## Publications

Martin Schmitt and Hinrich Schütze.

SherLiC: A Typed Event-Focused Lexical Inference Benchmark for Evaluating Natural Language Inference.  
In: **ACL** 2019.

Stefan Evert, Philipp Heinrich, Klaus Henselmann, Ulrich Rabenstein, Elisabeth Scherr, Martin Schmitt and Lutz Schröder.

Combining Machine Learning and Semantic Features in the Classification of Corporate Disclosures.  
In: Journal of Logic, Language and Information, 2019.

Martin Schmitt, Simon Steinheber, Konrad Schreiber and Benjamin Roth.

Joint Aspect and Polarity Classification for Aspect-based Sentiment Analysis with End-to-End Neural Networks.

In: **EMNLP** 2018 (Short Paper).

Philipp Dufter, Mengjie Zhao, Martin Schmitt, Alexander Fraser and Hinrich Schütze.

Embedding Learning Through Multilingual Concept Induction.

In: **ACL** 2018.

## Scholarships & Achievements

Since 10/2017	Ph.D. scholarship of the “Studienstiftung des deutschen Volkes” (German Academic Scholarship Foundation)
Since 10/2010	Member of the Elite Network of Bavaria
10/2010 – 09/2016	Undergraduate scholarship of the “Studienstiftung des deutschen Volkes”
09/2006 – 07/2008	“Pluskurs” course program for highly gifted high school students

## Service

Reviewer for EMNLP, NAACL-HLT, ACL

Co-chair (Language and Computation Track) of the ESSLLI 2018 student session  
(European Summer School in Logic, Language and Information)

## Skills

Programming	Python, Java, Perl, Bash
Frameworks	pytorch, AllenNLP
Misc.	SQL, OWL, XML, RDF, XFST; UNIX command line tools (grep, sort, cut, etc.)
Languages	German (Native), English (Fluent), French (Fluent)

## Extracurricular Activities & Interests

Since 07/2011

Managing social activities for school children  
Improvisation theater, board games, sports activities

Interests: choral singing, theater, ballroom dancing, piano playing, languages