

VALENTIN HOFMANN

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EDUCATION

University of Oxford DPhil, Linguistics <i>Advisors: Janet Pierrehumbert, Hinrich Schütze</i>	<i>Present</i>
LMU Munich MSc, Computational Linguistics & Computer Science <i>Advisor: Hinrich Schütze</i>	<i>10/2018 – 09/2020</i> GPA 1.1
University of Oxford MSt, Linguistics <i>Advisor: Janet Pierrehumbert</i>	<i>10/2017 – 07/2018</i> Distinction
LMU Munich BA, Linguistics BA, Slavic Studies	<i>04/2013 – 07/2017</i> GPA 1.0 GPA 1.0
Lomonosov Moscow State University Visiting Student, Linguistics	<i>08/2015 – 12/2015</i>
University of Zagreb Visiting Student, Linguistics	<i>02/2015 – 06/2015</i>

PUBLICATIONS

Modeling ideological agenda setting and framing in polarized online groups with graph neural networks and structured sparsity

Valentin Hofmann, Janet Pierrehumbert, Hinrich Schütze
arXiv:2104.08829

Superbizarre is not superb: Derivational morphology improves BERT’s interpretation of complex words

Valentin Hofmann, Janet Pierrehumbert, Hinrich Schütze
ACL 2021

Dynamic contextualized word embeddings

Valentin Hofmann, Janet Pierrehumbert, Hinrich Schütze
ACL 2021

DagoBERT: Generating derivational morphology with a pretrained language model

Valentin Hofmann, Janet Pierrehumbert, Hinrich Schütze
EMNLP 2020

Predicting the growth of morphological families from social and linguistic factors

Valentin Hofmann, Janet Pierrehumbert, Hinrich Schütze
ACL 2020

A graph auto-encoder model of derivational morphology

Valentin Hofmann, Hinrich Schütze, Janet Pierrehumbert
ACL 2020

EXPERIENCE

Center for Information and Language Processing, LMU Munich Research Assistant	<i>Present</i>
Oxford Internet Institute, University of Oxford Teaching Assistant (<i>NLP for the Social Sciences</i>)	<i>01/2021 – 03/2021</i>
Oxford Internet Institute, University of Oxford Lab Instructor (<i>NLP for the Social Sciences</i>)	<i>01/2020 – 03/2020</i>
Faculty of Linguistics, University of Oxford Tutor (<i>Phonetics and Phonology</i>)	<i>10/2019 – 02/2020</i>
Institute of Slavic Philology, LMU Munich Tutor (<i>Russian</i>)	<i>10/2016 – 03/2017</i>
Institute of Historical Linguistics, LMU Munich Student Assistant	<i>04/2013 – 12/2014</i>

AWARDS

Balliol Interdisciplinary Institute	<i>Present</i>
British Arts and Humanities Research Council	<i>Present</i>
German Academic Scholarship Foundation	<i>Present</i>
Maximilianeum Foundation	<i>10/2012 – 07/2019</i>
Max Weber Program of the State of Bavaria	<i>10/2012 – 07/2019</i>
Alfried Krupp von Bohlen und Halbach Foundation	<i>02/2015 – 04/2016</i>
Erasmus Program	<i>02/2015 – 06/2015</i>

PROGRAMMING SKILLS

Python: Data Analysis, Machine Learning, Deep Learning
R: Data Analysis, Statistical Modeling
C++: Basic Programming

LANGUAGE SKILLS

Native Proficiency: German
Professional Working Proficiency: Croatian, English, Polish, Russian
Limited Working Proficiency: Farsi, French, Urdu
Reading Knowledge: Ancient Greek (Graecum), Latin (Latinum), Old Church Slavonic

PERSONAL INTERESTS

Juggling: Ball Juggling, Ring Juggling, Siteswaps
Classical Music: Viola, Choir, Chamber Music