

ALINA LEIDINGER

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EDUCATION

ILLC, University of Amsterdam, NL

09/21 - 09/25

PhD candidate in NLP

- Topic: Implicit bias and stereotypes in Large Language Models
- Advisors: Dr. Katia Shutova & Prof. Dr. Robert van Rooij

University of Augsburg, DE

07/20 - 07/21

Research Assistant in HCI, NLP

Technical University of Munich, DE

10/16 - 08/19

MSc Mathematics in Data Science

High Distinction

- Thesis topic: Mathematical Analysis of Neural Networks, 1.0 (top grade)

Imperial College London, UK

10/13 - 07/16

BSc Mathematics

First Class Honours

- Thesis topic: Robust Joint and Individual Variance Explained, CVPR 2017

PUBLICATIONS

A. Leidinger and R. Rogers. 2024. How are LLMs mitigating stereotyping harms? Learning from search engine studies. *Under review*.

A. Leidinger, R. van Rooij, E. Shutova. 2024. Are LLMs classical or nonmonotonic reasoners? Lessons from generics. *ACL 2024 (main)*

A. Leidinger, R. van Rooij, E. Shutova. 2023. [The language of prompting: What linguistic properties make a prompt successful?](#) *Findings of EMNLP 2023*

G. Starace, K. Papakostas, R. Choenni, A. Panagiotopoulos, M. Rosati, **A. Leidinger**, E. Shutova. 2023. [Probing LLMs for Joint Encoding of Linguistic Categories](#). *Findings of EMNLP 2023*

A. Leidinger and R. Rogers. 2023. [Which Stereotypes Are Moderated and Under-Moderated in Search Engine Autocompletion?](#) *ACM FAccT 2023*

O. van der Wal, D. Bachmann, **A. Leidinger**, L. van Maanden, J. Zuidema, K. Schulz. 2022. [Undesirable biases in NLP: Averting a crisis of measurement](#). *JAIR*

C. Sagonas, I. Panagakis, **A. Leidinger**, S. Zafeiriou. 2017. [Robust Joint and Individual Variance Explained](#). *CVPR 2017*

POSITIONS

LMU Munich, CIS

09/23 - 10/23

Visiting PhD researcher

Host: Prof. Dr. Hinrich Schütze

BMW

06/18 - 12/18

Machine Learning Intern

TUM, Chair of Computer Vision

07/17 - 09/17

Student research assistant

MunichRe, MEAG

07/15 - 08/15

Statistical Modelling Intern

TALKS & PRESENTATIONS

- Workshop [GenBench](#), collocated with EMNLP 12/23
- Workshop on Ethical AI, [Comète](#) (Inria Polytechnique) 11/23
- Workshop on generative AI and search engines, HAW Hamburg 09/23
- [Interview](#) at Tech Policy Press podcast 08/23
- Invited talk at Civic AI Lab, UvA 02/23
- Flash talk for deans of the faculties of humanities and science, UvA 02/23
- Presentation at ELLIS PhD Symposium, University of Alicante 09/22

TEACHING EXPERIENCE

As teaching assistant

- Advanced Topics in Computational Semantics *Spring '22, '23, '24*
- Natural Language Processing 1 *Fall '22, '23*
- Basic Probability: Programming *Fall '21*

As supervisor of student projects

- Debiasing LMs at the data level using Influence Functions. *10/22 - 06/23*
- An intersectional perspective on implicit gender agency bias. *04/22 - 06/22*

SERVICE

- Reviewing: ACL, ARR
- Co-organiser of [Computational Linguistics Seminar](#) at ILLC *04/22 - ongoing*

AWARDS & PRIZES

- **Finalist at UvA 3MT competition** *08/22*
Science communication competition for PhD students
- **TUM ScienceHack** *12/19*
First prize at hackathon for building a *CO*₂ Counter
- **Deutschlandstipendium** *'17 - '18*
Scholarship awarded by German Federal State to < 2% of students
- **PreDoc** PhD preparation programme at TUM *'16 - '18*

TECHNICAL SKILLS

- **Programming** Python (PyTorch, transformers, numpy, pandas, sklearn), R
- **Visualization** matplotlib, seaborn
- **Tools** git, slurm, LaTeX

LANGUAGES

GERMAN: C2 | ENGLISH: C2 | FRENCH: B2 | ITALIAN: B2 | DUTCH: B1