

Lino Zurmühl

Curriculum Vitae

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Professional Experience

- 08/2024 – **Research Assistant**, *Max Planck Institute for Human Development*, Berlin, Center for Humans and Machines
07/2025
- Developed data-driven web applications for behavioral research using Python (oTree) and various APIs to study human-AI interaction.
 - Integrated Large Language Models (LLMs) into experimental workflows, focusing on prompt engineering and API management to test hypotheses on Human AI interaction
 - Web scraping and data preprocessing for real time use
 - Collaborated in an interdisciplinary team to conceptualize, design, and analyze data from experiments assessing the societal and psychological impact of AI systems.
- 03/2024 – **Student Assistant**, *Hertie School*, Berlin
- 05/2024
- Developed and organized coding challenges for the “Data 4 Good” Festival, promoting data science applications for social impact.
- 10/2023 – **Research Assistant**, *KIT - Research Center for Information Technology (FZI)*, Berlin
03/2024
- Preprocessed, analyzed and visualized penal datasets within the SOSEC project framework.
 - Designed and delivered an introductory R programming course for internal researchers and staff.
- 06/2023 – **Intern (Research)**, *GESIS Leibniz Institute for the Social Sciences (CSS Department)*, Cologne
09/2023
- Applied machine learning methods for hate speech classification using social media data.
 - Supported the organization and execution of an academic conference on Computational Social Science.
- 05/2022 – **Student Assistant**, *Chair of Political Science, Methods Focus, University of Regensburg*, Regensburg
01/2023
- Developed and presented course materials on Computational Social Science methodologies.
 - Assisted in the editorial process for a collected academic volume.
- 04/2022 – **Student Assistant**, *University Computer Centre (Rechenzentrum), University of Regensburg*, Regensburg
09/2022
- Introduced first-year students to academic research practices and university resources.
 - Provided peer tutoring support for best practices in literature review and research methodology.

Education

- 09/2023 – **Master of Science in Data Science for Public Policy**, *Hertie School*, Berlin
01/2026 Current average grade: 1.4
(Expected) Master Thesis: "Reading Between the Lines: Fine-Tuning Language Models for Context-Aware Dog Whistle Detection" (Final Grade 1.3)
- Fall 2025 **Exchange Semester: Master in International Management**, *Fundação Getulio Vargas (FGV)*, São Paulo, Brazil
Focus: AI Regulation at the Global Law Faculty.
- 10/2018 – **Bachelor of Arts in Political Science (Grade: 1.6)**, *University of Regensburg*,
08/2023 Regensburg
Minors: Information Literacy, Intercultural Studies, Philosophy
Bachelor Thesis: "Die Sentiment Analyse in der Politikwissenschaft – Theorie und Praxis"
(Final Grade 1.3)

Voluntary Work

- 10/2018 – **Social Media Manager**, *Student Council of Political Science*, Regensburg
06/2023 o Managed social media presence and communications for the student council.
- 03/2020 – **Global Volunteer**, *AIESEC Brazil*, Vitoria
04/2020 o Participated in a volunteer project focused on youth education.
- 2016 – 2018 **Youth Badminton Coach**, *TSV Gilching*, Gilching
o Coached youth badminton teams, emphasizing skill development and teamwork.

Skills

- Programming & Software o Python (Advanced; Libraries: pandas, matplotlib, seaborn, NLTK, scikit-learn, pytorch, transformers)
o R (Advanced; Packages: tidyverse, ggplot2, quanteda)
o HTML/CSS (Intermediate)
o JavaScript (Basic)
o Kotlin (Basic)
o Data Bases: SQL(PostgreSQL)/RedisDB (Intermediate)
o DevOps: Docker, Kubernetes, CI/CD (Basic)
o Version Control: Git/GitHub/GitLab (Intermediate)
- Languages o German (Native)
o English (Fluent / C2)
o Portuguese (Basic / A2)