Contact

simon.muenker@googlemail.com

www.linkedin.com/in/simon-muenker (LinkedIn)

Top Skills

Python (Programming Language)

Academic Research

Large Language Models (LLM)

Honors-Awards

Best Bachelor's Degree 2021, in Computational Linguistics Program

Best Master's Degree 2023, in Natural Language Processing Program

Simon Münker

Research Fellow at University of Trier
Treves, Rhineland-Palatinate, Germany

Experience

Universität Trier
2 years 7 months

Research Fellow
October 2023 - Present (1 year)
Treves, Rhineland-Palatinate, Germany

Implementing and maintaining Python-based modules for synthetic social media users through language models and the evaluation of discourse metrics for the EU-founded project Twin of Online Social Networks (TWON). Researching the ability of language models to mimic human behavior in conversation in a semantic and philosophical dimension. Managing graduate student research groups in applied computational linguistics subjects. Planning and conducting the lecture and exercise natural language processing.

Research Assistant
March 2022 - September 2023 (1 year 7 months)
Treves, Rhineland-Palatinate, Germany

Implemented and co-authored "InvBERT: Reconstructing Text from Contextualized Word Embeddings by inverting the BERT pipeline", published in the Conference of Computational Literary Studies. Implemented and maintained a pipeline to scrape social media posts and match them with related news articles as part of the Social Sentiment in Times of Crises (SOSEC) project founded by the Alfred Landecker Foundation. Planned and conducted the exercise sessions for the lecture algorithmic methods: a Python introduction.

University of Düsseldorf
2 years 6 months

Course Assistant
April 2019 - September 2021 (2 years 6 months)
Düsseldorf, North Rhine-Westphalia, Germany

Probability theory (2019/20/21)

Machine learning (2019/20)

Formal language (2021)

Intern
February 2020 - March 2020 (2 months)
Düsseldorf, North Rhine-Westphalia, Germany

(Re-)Implementation and extension of the multiword-expression (MWE)
identification tool Vine in the PyTorch deep learning framework.

DSC-Medien
3 years 2 months

Frontend Web Developer
October 2017 - September 2019 (2 years)
Mönchengladbach, North Rhine-Westphalia, Germany

Frontend Web Developer
August 2016 - October 2017 (1 year 3 months)
Mönchengladbach, North Rhine-Westphalia, Germany

SIXWASNINE – Agentur für Kommunikation & Werbung
Trainee
August 2013 - July 2016 (3 years)
Grevenbroich, North Rhine-Westphalia, Germany

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Education

Universität Trier
Master of Science - MS, Natural Language Processing · (2021 - 2023)

University of Düsseldorf
Bachelor of Arts - BA, Computational Linguistics · (2017 - 2021)

Berufskolleg Platz der Republik für Technik und Medien
Mönchengladbach
Mediengestalter Digital und Print, Graphic Design · (2013 - 2016)