Gregor Geigle

Am Spital 1
63755, Alzenau, Germany
(+49) 176 – 4599 3763
gregor.geigle@gmail.com
GitHub
Google Scholar

EDUCATION

M.Sc., Computer Science, TU Darmstadt

2019 - 2021

Focus: Machine Learning, NLP, Deep Learning
Subsidiary Subject: Stochastics (Financial Mathematics)

Master Thesis: *Cooperative and Joint Approaches for Improved Cross-Modal Retrieval* (Grade 1.0)

Grade 1.2

B.Sc., Computer Science, TU Darmstadt

2015 - 2019

Focus: Machine Learning, Deep Learning

Bachelor Thesis: *CNN-based Reward Learning for Multi-Document Summarization* (Grade 1.7)

Grade 1.7

PUBLICATIONS

Published

Gregor Geigle, Jonas Pfeiffer, Nils Reimers, Ivan Vulic, Iryna Gurevych. Retrieve Fast, Rerank Smart: Cooperative and Joint Approaches for Improved Cross-Modal Retrieval. To be accepted for TACL 2022

Andreas Rücklé, *Gregor Geigle*, Max Glockner, Tilman Beck, Jonas Pfeiffer, Nils Reimers, Iryna Gurevych. AdapterDrop: On the Efficiency of Adapters in Transformers. EMNLP, 2021

Gregor Geigle, Jonas Stadtmüller, Jonas Pfeiffer, Wei Zhao, Steffen Eger. TuDA at WMT21: Sentence-level direct assessment with adapters. WMT, 2021

PROGRAMMING

Python
JavaScript
Java

FRAMEWORKS

PyTorch
Transformers
NumPy
Matplotlib
Flask
FastAPI
Vue.js

TECHNOLOGY

Docker
ElasticSearch
Linux

LANGUAGES

German - Native
English - Fluent

Preprint

Jonas Pfeiffer, *Gregor Geigle*, Aishwarya Kamath, Jan-Martin O. Steitz, Stefan Roth, Ivan Vulić, Iryna Gurevych. **xGQA: Cross-Lingual Visual Question Answering**. arXiv preprint, 2021

Gregor Geigle, Nils Reimers, Andreas Rücklé, Iryna Gurevych. **TWEAC: Transformer with Extendable QA Agent Classifiers**. arXiv preprint, 2021

WORK EXPERIENCE

UKP Lab, Darmstadt — *Research Internship*

2021 - today
Research Topics: Multimodal Vision+Language

UKP Lab, Darmstadt— *Student Research Assistant*

2019 - 2021
Projects: sentence-transformers (initial release), UKP SQuARE (initial release of the backend, frontend, and model API), TWEAC
Research Topics: Sentence Embeddings, Adapters, QA
Tech: PyTorch, ElasticSearch, Python+JavaScript (FastAPI, Vue.js), Docker

IBM, Frankfurt— *Working Student*

2018 - 2019
Project: Full-stack application for data management & exploration
Tech: Java, JavaScript, Docker

PERSONAL INTERESTS

Cooking

I enjoy cooking recipes from all over the world with a soft spot for (extremely) spicy food.

Sports

I regularly do calisthenics to stay fit physically and unwind.