

Gregor Geigle

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 appear in 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
Matplotlib
Flask/ FastAPI
Vue.js

TECHNOLOGY

Docker
Linux
ElasticSearch

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 — *Researcher*

2021 - today

Research internship

Research Topics: Multimodal Vision+Language, Memes

UKP Lab, Darmstadt — *Student Research Assistant*

2019 - 2021

Research and development work for multiple projects

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, full-stack web application (FastAPI, Vue.js), Docker, CICD integration

IBM, Frankfurt — *Working Student*

2018 - 2019

Design and implementation of a full-stack web application for data exploration of digitalized documents

Tech: Java, JavaScript, Docker, OCR

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.