



STEFAN FRISCH



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CAREER

Jan 2024 - Present

Research Assistant in DL for Medicine (Helmholz Institute)

- Datacenter scale pre-training of Equivariant Convolutional Networks for skin cancer detection
- Domain shift training for robust performance under changing data sources

Dec 2022 - Apr 2023

Research Assistant for NLP (TU Munich)

- Survey article on explainable AI in NLP in the context of LLMs
- Detecting ChatGPT: A Survey of the State of Detecting ChatGPT-Generated Text (<https://arxiv.org/abs/2309.07689>)

Oct 2022 - Dec 2022

ML Engineer - Project Lead (Infineon)

- Anomaly detection with time series ML analysis for motor maintenance
- Project lead of the TUM.AI proof of concept student team

Sep 2022 - Dec 2022

Co-Founder (Kiera)

- Command line code generation tool (<https://www.kiera.ai/>)
- Explain the command in natural language, and Kiera generates the code

May 2019 - Oct 2019

Working Student Quality Development (FlixBus)

- Bus driver performance tracking tool with comment analysis for phone usage detection with NLP
- Automatic dashboard for quality control of operating partners

EDUCATION

Mar 2021 - Present

Master Data Engineering and Analytics (TU Munich)

- Research AI projects (<https://ga92xug.github.io/Projects/>)
 - Siemens - Automatic Interview Assessment
 - Google founded - Learning World Models by Self-Supervised Exploration
- Top 15% of class
- Thesis: Scaling Laws for Equivariant Convolutional Neural Networks

Mar 2020 - Mar 2021

Bachelor Computer Science (TU Munich)

- Development of compiler in Java for introduction to programming
- 120/180 ECTS, Minor mathematics

Sep 2016 - Mar 2020

Bachelor Management and Technology (TU Munich)

- Grade 1.9, Minor in computer engineering
- Thesis: Natural language processing for financial forecasting

SKILLS

Programming
Languages &
Technology

Proficient

- Python, PyTorch, Lightning, SQL, Pandas, Numpy, Linux, Hydra, HuggingFace, NLTK

Familiar

- Java, VBA, R, Spark, Sharp, C++, TensorFlow, Keras, spaCy

Languages

German (native), English (C2), Spanish (B2)