HANNES STÄRK

🌐 hannes-stark.com   ⭘ HannesStark   in hannes-stark   @ hannes.staerk@gmail.com

EDUCATION

M.Sc. Informatics
Technical University Munich

📅 since Oct 2019   📍 Munich, Germany

- Focus on statistical learning

B.Sc. Informatics (1.68)
Bundeswehr University Munich

📅 Sept 2017 – Sept 2019   📍 Munich, Germany

- Completed in two years
- Build concept and start development of the app CoachPTBS

A-Levels (1.8)
Joseph-Bernhart-Gymnasium

📅 2009 – 2017   📍 Türkheim, Germany

- Organize acrobatics shows and perform in them
- Organize and give acrobatics lessons for lower classes
- Part of the school's gymnastics team

PROFESSIONAL

Mathematics Lecturer
BIB Augsburg gGmbH

📅 since Feb 2020   📍 Augsburg, Germany

- Teaching linear algebra and analysis to vocational students

Student Assistant at Chair of Operations Research
Bundeswehr University Munich

📅 Sept 2018 – July 2019   📍 Munich, Germany

- Time Series Analysis
- Structure learning in Bayesian Networks

Dual Study Program
Allianz Deutschland AG

📅 Sept 2017 – Sept 2019   📍 Munich, Germany

- Web-Development and digital infrastructure

INTERESTS

⚙️ **Machine Learning**
especially learning on graphs and bayesian inference

📊 **Mathematics**
I love watching lectures in my free time and writing short posts about the maths I enjoy the most

PROJECTS/ACTIVITIES

IDP Bioinformatics
Prof. Rost's Bioinformatics chair at TUM

📅 since Sept 2020   📍 Munich, Germany

- Use machine learning to predict the sub-cellular localization of proteins
- Project on GitHub ⭘

Teach Introduction to Deep Learning
Prof. Nießner's CV & AI chair at TUM

📅 since Nov 2020   📍 Munich, Germany

- Teaching Assistant for TUM's DL course

Guided Research Computer Vision
Prof. Nießner's CV & AI chair at TUM

📅 March – Sept 2020   📍 Munich, Germany

- Neural Radiance Fields for Novel View and Human Pose Synthesis
- Project video ▶ paper 📄 and code ⭘

Survey Paper on Transformers
Prof. Günnemann's ML group at TUM

📅 April - Sept 2020   📍 Munich, Germany

- Detailed explanation of transformer architecture and properties: paper 📄

Talent base Memmingen: Physics
BSG Memmingen

📅 2016 – 2017   📍 Memmingen, Germany

- Building a nitrogen laser

Gymnastics and Acrobatics Trainer
VfL Buchloe

📅 since Sept 2015   📍 Buchloe, Germany

- Train gymnastics groups and choreograph or participate in acrobatics shows

SKILLS

Teaching   Motivating   Learning

Python   PyTorch   R   Java   Angular
SQL   ⭘ check my Github