

1. EDUCATION

Technical University of Darmstadt (Darmstadt, Germany)

M.A. Governance and Public Policy 07/2019

- Digital deliberation and participation
- Text Mining and text-as-data
- Qualitative and quantitative analysis

M.Sc. Computer Science (minor Philosophy) 06/2018

- Natural Language Processing and Deep Learning
- Human Computer Interfaces
- Technology assessment and responsibility

University of Zurich and ETH Zurich (Zurich, Switzerland) 08/2016 – 02/2017

Exchange and special student

- Human Computer Interfaces (ETH)
- Deep Learning (UZH)

Technical School Center Jena-Göschwitz (Jena, Germany) 07/2010

Practical Qualification for Computer Science

- System administration on large scale
- Object-oriented programming
- Managing databases, operating systems, and networks

2. WORK EXPERIENCE

Technical University of Darmstadt (Darmstadt, Germany) 07/2018 – Present

PhD Researcher, NLP (Prof. Dr. Iryna Gurevych)

- **Main Project:** ArguAna, Argument analysis for arguments on the web
- **Research:** Argument(ation) (with Christian Stab and Ivan Habernal, TU Darmstadt), framing analysis and public reactions tracking in crisis times
- **Teaching:** taught and coordinated NLP fundamental tutorials, coached NLP student software projects, advised multiple thesis students and taught guest lectures/ workshops for NLP methods, technical documentation in software development and academic writing
- **Reviewing:** Argument Mining Workshop (*EMNLP, 2021*), *EMNLP (2021)*, *ACL (2020)*, *EMNLP (2019)*, *Journal of Writing Studies (2017 and 2016)*

ETH Zurich (Zurich, Switzerland) 08/2016 – 03/2017

Research Assistant, Computational Social Science (Prof. Dr. Dirk Helbing)

- **Main Project:** GrippeNet, Analyzing influenza symptoms for decision-making
- **Research:** analyzed and visualized statistical reports for GrippeNet web page
- **Programming:** created SQL queries for GrippeNet statistics and designed GrippeNet project web pages to provided information for participants of GrippeNet surveys

Fraunhofer-Institute for Computer Graphics Research (Darmstadt, Germany) 10/2013 – 02/2015

Research Assistant, Visual Analytics (Prof. Dr. Jürgen Kohlhammer)

- **Main Project:** integrating visual analytics in policy decision-making (with Tobias Ruppert)
- **Research:** reviewed work for automatic policy making and motivated the research gap as well as the chances and pitfalls for combining visual analytics and policy making

Technical University of Darmstadt (Darmstadt, Germany) 08/2012 – 06/2017

Research Assistant and Academic Coach

- **Teaching:** taught practical seminars, such as “*Engineers in the Society*”, and classes for computer science fundamentals as tutor
- **Coaching:** designed workshops on writing skills, such as software project documentation and academic writing, and coached team and presentation training workshops
- **Research:** extended the serious argumentation learning game *Argotario* and connected algorithmic characteristics and intelligence

3. AWARDS/ SCHOLARSHIPS

Graduated with Distinction (*TU Darmstadt, 2018*), Best Student in “Social Learning and Knowledge Sharing Technologies” (*TU Darmstadt, 2016*), Swiss-European Mobility Scholarship (*UZH, 2016*), and BCG Event Scholarship (*Berlin, 2015*)

4. TECHNICAL SKILLS

- planned, coordinated and executed multiple annotation projects for more than 10k datapoints through data set creation with crowdsourcing (AMT), expert studies (in-house and students) and crawling web data (e.g., *Twitter*, *Reddit*) *advanced – expert*
- built, trained and tested machine learning models with PyTorch, Sklearn, SpaCy etc. *advanced*
- software engineering with Python, Java and C/C++ *advanced – expert*
- conceptualized and implemented machine learning prototypes with Streamlit *beginner – advanced*
- designed images and tutorials (e.g., *Argotario*) with Adobe Photoshop, Premiere, etc. *advanced*
- recorded a podcast and academic lectures (e.g., *Writing*) with Reaper and OBS *beginner – advanced*

5. PERSONAL SKILLS

Technical University of Darmstadt (*Darmstadt, Germany*)

Laboratory for Higher Education

- Presentation and Team Coach**, *University Certificate (> 150h)* 2017
- Higher Academic Teaching**, *University Certificate (> 100h)* 2018 – Present

Institute for Sport Science

- Relaxing Coach**, *University Certificate (18h)* 2017
- Autogenous Training Coach**, *University Certificate (32h)* 2018
- Stress Management Coach**, *University Certificate (24h)* 2020

Academic Writing Center

- Academic Writing Coach**, *University Certificate (> 300h)* 2014
- Writing Center Management**, *University Certificate (20h)* 2016
- Creative and Journalistic Writing**, *University Certificate (20h)* 2018
- Academic Writing**, *University Certificate (20h)* 2019

Further academic trainings: Individual Teaching Styles (2021), Teaching Portfolios (2021), Design Thinking in Teaching (2021), Gender Equality and Diversity in Teaching (2021), Vocal Training (2020), Rhetoric Training (2020, 2016), Assessment/ Grading in University (2020), Oral Exams (2020), Science Communication (2019), Leadership Skills (2018), Systematic Coaching (2018), Awareness in Communication (2018), Design Thinking (2017) etc.

6. LANGUAGES

German (native), English (fluent), Spanish (basic)

7. EXTRACURRICULAR ENGAGEMENTS

- Member of the teaching committee, *Technical University Darmstadt (Darmstadt, Germany)* 2021 – Present
- Co-organizing an international reading group on political science and NLP (*online*) 2021 – Present
- Mentor for First-Gen students, *University Group (Darmstadt, Germany)* 2016 – Present
- German Informatics Society, *University Group (Darmstadt, Germany)* 2014 – 2015
- Teaching assistant on informatics for kids, *Elementary School (Jena, Germany)* 2009 – 2010