

# Phillip Rust

## Curriculum Vitae

### Education

- 2021–2024 **PhD, Computer Science**, *University of Copenhagen*.  
Research Topics: Natural Language Processing, Machine Learning  
Advisor: Prof. Anders Søgaard
- 2018–2020 **M.Sc., Computer Science**, *TU Darmstadt*, *Cumulative GPA: 1.34\**.  
Focus: Natural Language Processing, Machine Learning, Data Mining, Artificial Intelligence  
Subsidiary Subject: Business & Law
- 2015–2018 **B.Sc., Computer Science**, *DHBW Stuttgart*, *Cumulative GPA: 1.4\**.  
ECTS Grade A (Top 10% of graduating class)

\*On a scale of 1-5 with 1.0 being the best possible

### Publications

- [1] Daniel Hershcovich, Stella Frank, Heather Lent, Miryam de Lhoneux, Mostafa Abdou, Stephanie Brandl, Emanuele Bugliarello, Laura Cabello Piqueras, Ilias Chalkidis, Ruixiang Cui, Constanza Fierro, Katerina Margatina, **Phillip Rust**, and Anders Søgaard. Challenges and Strategies in Cross-Cultural NLP. In *Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics (To appear)*, Dublin, Ireland, 2022. Association for Computational Linguistics.
- [2] **Phillip Rust**, Jonas Pfeiffer, Ivan Vulić, Sebastian Ruder, and Iryna Gurevych. How Good is Your Tokenizer? On the Monolingual Performance of Multilingual Language Models. In *Proceedings of the 59th Annual Meeting of the Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing (Volume 1: Long Papers)*, pages 3118–3135, Online, 2021. Association for Computational Linguistics.
- [3] Gözde Gül Şahin, Yova Kementchedjheva, **Phillip Rust**, and Iryna Gurevych. PuzzLing Machines: A Challenge on Learning From Small Data. In *Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics*, pages 1241–1254, Online, 2020. Association for Computational Linguistics.

### Work Experience

- 2018–2021 **DualStudy M.Sc. Program**, *DXC Technology*, Frankfurt, Germany.
- Technical consulting and software development on petabyte-scale data and compute platforms (OpenShift, MapR) for an automotive industry leading client to enable autonomous driving research and development
  - Platform logging, alerting and monitoring using the Elastic (ELK) stack and Prometheus
  - Platform automation using Ansible

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in phillip-rust

2015–2018 **DualStudy B.Sc. Program**, *Hewlett Packard Enterprise*, Germany/USA.  
Integrated program that combined studies in computer science at DHBW Stuttgart with six internships in various departments and locations at Hewlett Packard Enterprise and DXC Technology. Included a summer internship in the area of high performance computing research and development at Hewlett Packard Labs in Palo Alto, CA, USA.

## Volunteering

2019–2020 **Incoming Global Talent**, *AIESEC*, Darmstadt, Germany.  
Volunteering activity mainly consisting of the following components:

- Preparing foreign students for their professional traineeships in Germany
- Taking care of the well-being and personal development of trainees in Germany
- Building and maintaining relationships with companies offering traineeships in the area

## Summer/Winter Schools

2021 **Lisbon Machine Learning Summer School (LxMLS)**, Virtual.  
2021 **Advanced Language Processing Winter School (ALPS)**, Virtual.

## Service & Professional Activities

2021–2022 **Reviewer**, *ACL Rolling Review*.  
2021–2022 **Organizer**, *Weekly NLP Section Reading Group*, Department of Computer Science, University of Copenhagen.  
2021 **Program Committee**, *Workshop for Multilingual Representation Learning (MRL)*, EMNLP 2021, Punta Cana, Dominican Republic.

## Technical Skills

Programming Python, Java, JavaScript  
Frameworks PyTorch, Tensorflow, Keras, NumPy, NLTK, HuggingFace Transformers  
Big Data Unix, MapR, OpenShift/Kubernetes, Docker, Airflow, Elastic Stack, Ansible

## Languages

German Native  
English Fluent  
Japanese Conversational  
Danish Beginner

## Personal Interests

Playing football, working out, photography, playing the piano, cats, coffee

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