

# Phillip Rust

---

## Curriculum Vitae

---

### Education

- 10/2018– **M.Sc., Computer Science**, *TU Darmstadt*, *Current GPA: 1.45\**.  
Ongoing Focus: Natural Language Processing, Machine Learning, Data Mining, Artificial Intelligence  
Subsidiary Subject: Business & Law
- 10/2015– **B.Sc., Computer Science**, *DHBW Stuttgart*, *GPA: 1.4\**.  
09/2018 ECTS Grade A (Top 10% of graduating class)

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

---

### Publications

- [1] Phillip Rust, Jonas Pfeiffer, Ivan Vulić, Sebastian Ruder, and Iryna Gurevych. How Good is Your Tokenizer? On the Monolingual Performance of Multilingual Language Models. *arXiv preprint*, 2020.
- [2] Gözde Gül Şahin, Yova Kementchedjieva, 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.

---

### Experience

#### Vocational

- 10/2018– **DualStudy M.Sc. Program**, *DXC Technology*, Frankfurt, Germany.  
Ongoing
  - 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
- 10/2015– **DualStudy B.Sc. Program**, *Hewlett Packard Enterprise*, Germany/USA.  
09/2018 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 research internship in the area of high performance computing at Hewlett Packard Labs in Palo Alto, CA, USA.

#### Volunteering

- 05/2019– **Incoming Global Talent**, *AIESEC*, Darmstadt, Germany.  
Ongoing 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

Goebelstr. 25 – 64293 Darmstadt – Germany

☎ +49 176 45715155 • ✉ [phillip.rust@stud.tu-darmstadt.de](mailto:phillip.rust@stud.tu-darmstadt.de)

🏠 [phillip rust](#) • [in phillip-rust](#)

## International

04/2017– **Summer Research Internship**, *Hewlett Packard Enterprise*, Palo Alto, USA.

08/2017 During a summer internship at Hewlett Packard Labs, I supported a team of researchers in the field of high performance computing. I established tuned performance baselines for a high performance computing software stack utilizing a variety of performance benchmark suites, and set up a system that enables researchers to comfortably configure and switch between development environments. Furthermore, I participated in social intern activities and presented my work at an intern poster fair.

01/2017– **Study Abroad**, *Staffordshire University*, Stoke-On-Trent, UK.

04/2017 During a semester abroad at Staffordshire University, I took computer science classes for my bachelor's degree. Additionally, I participated in weekly social activities for exchange students and was part of the university's volleyball club.

## 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

## Personal Interests

Sports I played football (soccer) actively in a club for 15 years. Now, I occasionally play football with friends and otherwise keep myself in shape at the gym.

Piano I took piano lessons for eight years throughout middle and high school. Nowadays, I mostly play movie soundtrack pieces as well as some classical and pop music.

Japanese I enjoy studying the Japanese language and culture. I have been taking Japanese classes for two years throughout my studies in Darmstadt and aim to be fluent one day.

Photography Whenever I am travelling or have some free time, I try to capture meaningful moments with my camera.

Goebelstr. 25 – 64293 Darmstadt – Germany

📞 +49 176 45715155 • ✉ [phillip.rust@stud.tu-darmstadt.de](mailto:phillip.rust@stud.tu-darmstadt.de)

🏠 [phillip rust](#) • [in phillip-rust](#)