

Phillip Rust

Student of Computer Science

Education

- 2018– **M.Sc., Computer Science**, *TU Darmstadt*, Darmstadt, *Current GPA: 1.45**.
Ongoing Focus: Natural Language Processing, Machine Learning, Data Mining, Artificial Intelligence
Minor: Economics & Law
- 2015–2018 **B.Sc., Computer Science**, *DHBW Stuttgart*, Stuttgart, *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] Gözde Gül Şahin, Yova Kementchedjhieva, 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, July 2020. Association for Computational Linguistics.

Experience

Vocational

- 2018– **Technical Consulting - DualStudy M.Sc. Program**, *DXC Technology*, Frankfurt.
Ongoing
 - 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
- 2015–2018 **Intern - DualStudy B.Sc. Program**, *Hewlett Packard Enterprise*, Germany/USA.
Integrated program combining studies in Computer Science at DHBW Stuttgart with internships in various departments and locations at Hewlett Packard Enterprise and DXC Technology. Recent project experience in the following industries and settings:
- Technical Consulting - Healthcare**
 - Developed an information security concept for a cloud-native dental practice management system (bachelor's thesis)
 - Research and Development - High Performance Computing**
 - Established tuned performance baselines for a high performance computing software stack, utilizing a variety of performance benchmark suites
 - Setup a system that enables researchers to comfortably configure and switch between development environments

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Volunteering

2019–2020 **Incoming Global Talent, AIESEC**, Darmstadt, Germany.

Volunteering activity which mainly consists of the following components:

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

International

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

During a summer internship at Hewlett Packard Labs in Palo Alto, California, I supported a team of researchers in the field of High Performance Computing (HPC). I participated in social intern activities and presented my work at an intern project fair.

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

During a semester abroad at Staffordshire University I took computer science classes for my undergraduate degree. 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

Big Data Unix, MapR, OpenShift/Kubernetes, Airflow, ELK Stack, Ansible, Prometheus

Languages

German Native

English Fluent

Japanese Conversational

Interests

Sports I have 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 have taken piano lessons for 8 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've taken 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.

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