Curriculum Vitae

Education

- Since 04/2021: **PhD studies** with focus on multi-objective optimization, benchmarking and algorithm selection, TU Dresden

- 10/2018 - 03/2021: **Master studies** in Information Systems (focus on Business Intelligence, Information Systems Development), University of Münster

- 08/2017 - 12/2017: **Exchange term** at Turku School of Economics, Finland

- 10/2015 - 09/2018: **Bachelor studies** in Information Systems, University of Münster

Employment

- Since 04/2021: **Research assistant**, Chair of Big Data Analytics in Transportation, TU Dresden

- 10/2019 - 04/2021: **Student assistant**, Chair of Data Science: Statistics and Optimization, University of Münster

- 04/2019 - 09/2019: **Student assistant**, Databases and Information Systems Group, University of Münster

- 10/2016 - 03/2019: **Student assistant**, IT Development, zeb.information.technology GmbH & co.KG

- 08/2016 - 10/2016: **Intern**, IT Development, zeb.information.technology GmbH & co.KG

Teaching

Teaching at TU Dresden

Winter Term 2024/25

- Research Task in Data Analytics in Transportation (M.Sc. Transportation Economics): **Supervision of seminar theses**

Summer Term 2024

- Application of Data Analytics (M.Sc. Transportation Economics): **Supervision of seminar theses** (together with the BDA team)
- Advanced Methods in Data Analytics (M.Sc. Transportation Economics): **Lectures and course organization** (together with Jonathan Heins)

Winter Term 2023/24

- Methods in Data Analytics (M.Sc. Transportation Economics): **Lectures and course organization** (together with Pascal Kerschke)

Summer Term 2023

- Application of Data Analytics (M.Sc. Transportation Economics): **Supervision of seminar theses** (together with the BDA team)
- Advanced Methods in Data Analytics (M.Sc. Transportation Economics): **Lectures and course organization** (together with Jonathan Heins)

Winter Term 2022/23

- Research Task in Data Analytics in Transportation (M.Sc. Transportation Economics): **Supervision of seminar thesis**
- Methods in Data Analytics (M.Sc. Transportation Economics): **Lectures and course organization** (together with Pascal Kerschke)

Summer Term 2022

- Advanced Methods in Data Analytics (M.Sc. Transportation Economics): **Creation of new course material, lectures and course organization** (together with Jonathan Heins)

Winter Term 2021/22

- Research Task in Data Analytics in Transportation (M.Sc. Transportation Economics): **Supervision of seminar theses** (together with the BDA team)

- Application of Data Analytics (M.Sc. Transportation Economics): **Supervision of seminar theses** (together with the BDA team)

Summer Term 2021

- Advanced Methods in Big Data Analytics (M.Sc. Transportation Economics): **Tutor**

- Fundamentals of Data Analytics (B.Sc. Transportation Economics): **Tutor** (together with Jonas Jostmann)

Thesis Supervision at TU Dresden

- Winter Term 2022/23, Computational Modeling and Simulation (Master Thesis): Automatic Identification of User-Contexts Based on Smartphone Sensors in Naturalistic Settings

- Summer Term 2023, Transportation Economics (Master Thesis): Improving the Classification of Traveler Feedback Using Explainable Deep Learning Approaches

- Summer Term 2024, Transportation Economics (Master Thesis): Identification of Trip Patterns in e-Scooter Origin-Destination Data Using Cluster Analysis

Teaching at University of Münster

Winter Term 2020/21

- Data Analytics 1 (M.Sc. Information Systems): **Tutor**

Summer Term 2019

- Computer Science II: Algorithms and Data Structures (B.Sc. Information Systems / B.Sc. Computer Science): **Group tutor**