Genter Strasse 14, 13353 Berlin, Germany
+49 151 23329070 | davidsiriusschulte@gmail.com | davidschulte.github.io

David Schulte

EDUCATION

Humboldt University	Berlin, Germany
Statistics (M.Sc.)	10/2020 – 03/2023

- Specialization tracks Data Science and Financial Markets

University of Cologne	Cologne, Germany
Economathematics (B.Sc.) – Completed with grade 2.1 (~3.0 GPA)	10/2014 – 10/2019

- Courses in Mathematics, Computer Science and Economics

Waseda University	Tokyo, Japan
Computer Science (Semester abroad)	4/2018 – 8/2018

- Courses in Machine Learning, Data Mining, Information Security

PROJECTS

Prediction of Customer Returns (Course Project)

- Cleaned and explored a dataset of customer orders from an online clothes retailer
- Designed a model that predicts if customers will return their order, enabling the company to lower package returns by influencing user behavior (Python / Pandas, scikit-learn)

Reinforcement Learning for 3-Player Chinese Checkers (Bachelor's Thesis)

- Successfully designed and trained an agent to play a multiplayer board game (Python / Tensorflow, NumPy, Matplotlib / GCP)
- Graded with 1.0 (A)

WORK EXPERIENCE

Jobufo GmbH	Berlin, Germany
Working Student (Data Science)	03/2022 – 08/2022

- Worked on Data Mining and NLP projects (scikit-learn, Pytorch)
- Designed a Sequence Labeling model that greatly reduces manual workload

Trivago	Düsseldorf, Germany
Intern (Trivago Tech Camp)	8/2017 – 9/2017

- Worked on a website that collects and presents weekly changing restaurant menus, improving employees well-being at work
- Wrote several parsers and the back end of the website

LANGUAGES & TECHNOLOGIES

- English (Fluent), German (Native), Japanese (JLPT N2)
- Python, NumPy, Matplotlib, Pandas, scikit-learn, Tensorflow, Pytorch, SQL, Git, GPC, Matlab