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David Schulte

EDUCATION

Humboldt University

Statistics (M.Sc.)

Berlin, Germany
10/2020 – 02/2023

- Specialization tracks Data Science and Financial Markets

University of Cologne

Economathematics (B.Sc.) – Completed with grade 2.1 (~3.0 GPA)

Cologne, Germany
10/2014 – 10/2019

- Courses in Mathematics, Computer Science and Economics

Waseda University

Computer Science (Semester abroad)

Tokyo, Japan
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

Working Student (Data Science)

Berlin, Germany
03/2022 – present

- Worked on Data Mining and NLP projects (scikit-learn, Pytorch)
- Led a Sequence Labeling project, greatly reducing manual workload

Trivago

Intern (Trivago Tech Camp)

Düsseldorf, Germany
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, SQL, Git, GPC, Matlab, MS Office