



ALEXANDER FLICK

DATA SCIENTIST

CONTACT

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Berlin

<https://bigdatalex.github.io/>

EDUCATION

2018 - 2022

BERLINER HOCHSCHULE FÜR
TECHNIK

- Master of Science in Data Science with distinction
- GPA: 1,1

2014 - 2017

HOCHSCHULE FÜR
TELEKOMMUNIKATION LEIPZIG

- Bachelor of Science in Business Informatics
- GPA: 1,7

SKILLS

- Data Engineering
- Data Science
- Natural Language Processing
- Web Scraping
- Teamwork
- Time management
- Leadership

LANGUAGES

- German (Fluent)
- English (Fluent)
- French (Basics)

WORK EXPERIENCE

Green Database

2024 - today

Aspiring Co-Founder

- As part of the Berlin Startup Scholarship, setting up a data platform for collecting, processing, linking and providing sustainability data in online shopping.
- Leading, mentoring and managing a software development team and migrating the systems to the cloud.
- Development and implementation of a strategic product roadmap, conducting market research, customer acquisition and pitching.

Berliner Hochschule für Technik

2023 - 2024

Research Assistant

- Research for the extraction of product information from unstructured, multilingual web data using machine learning within the Green Consumption Assistant project.
- Integration of a trained multilingual language model for automated product categorization into a production system including API based on Flask and web demonstration with Streamlit.
- Project management, coordination with project partners and publication of research results.

Berliner Hochschule für Technik

2022 - 2023

Student Assistant

- Master's thesis on automatic product categorization using machine learning, NLP and language models.
- Maintenance and extension of the Green Database Scraping system based on Postgres, Redis, Scrapy, Docker, Kubernetes and Helm.
- Project management, coordination with project partners and support in publishing research results.

T-Systems International GmbH

2018 - 2019

Junior Data Science Engineer

- Co-development of the Data Science Workstation, based on JupyterHub with a focus on implementing and testing new features to improve data analysis and Machine Learning workflows in the cloud.
- Integration of various data sources such as MariaDB, MongoDB and Elasticsearch as well as maintenance and upgrade of the OpenShift infrastructure.
- Log data analysis in Python for predictive maintenance, including predictions of server failures.

T-Systems International GmbH

2014 - 2017

Dual Student

- End-to-end data analytics demo of social media data from the Telekom hilft forum based on Hortonworks Data Platform and ETL pipeline for analyzing log data from a Hadoop cluster.
- Creation of reporting demos with Power BI for big data use cases, e.g. predictive maintenance in power plants.
- Evaluation of new technologies, development of big data product packages with a focus on Microsoft Azure and support of sales in customer acquisition.