

SILAS MEDERER

Aspiring data scientist and solution engineer, well-experienced in Python with Bachelor of Science and strong technical background

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🐙 www.github.com/sls-mdr

EXPERIENCES

Trainee: Data Science

neuefische GmbH

📅 Aug 2020 – Present

📍 Hamburg, Germany

Intensive Coding Bootcamp - 540 hours of programming
Focus: Machine Learning, Neuronal Networks, Data Mining

Webmaster-Team

ARD-aktuell tagesschau.de

📅 July 2019 – Aug 2020

📍 Hamburg, Germany

Continuous improvement for the real-time deployment,
implemented a dashboard with user traffic from APIs

Chairman

Studierendenausschuss Universität Hamburg

📅 Mai 2018 – July 2020

📍 Hamburg, Germany

Homepage relaunch, intro data compliance strategy

Webmaster CEN Outreach

Universität Hamburg

📅 July 2016 – Aug 2019

📍 Hamburg, Germany

CMS and KMS coaching, web app development (html, JS)

Project planer

Studierendenvertretung Universität Hamburg

📅 June 2017 – May 2018

📍 Hamburg, Germany

Organisation of events for knowledge transfer,
sustainability and life long learning

PROGRAMMING SKILLS

EXCERPT

Python: sklearn, tensor flow, keras, scipy

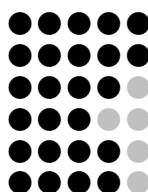
Visualisation: seaborn, matplotlib, plotly

Others: SQL (PostgreSQL), UNIX, html

Software: Excel, Tableau, Stata, SPSS

Tools: Git, agile methods, AWS, OOP

Topics: NLP, spatial analysis, API



LANGUAGES

German

English



EDUCATION

Universität Hamburg

B. A. Political Sciences

📅 Oct 2019 – Present

📍 Hamburg, Germany

Focus on statistic and quantitative research
Expected grade=1,9

Philipps-Universität

B. Sc. Geography

📅 Oct 2011 – Sept 15

📍 Marburg, Germany

Focus on human geography, GIS
Grade=2,4

Berufskolleg Glockenspitze

Fachhochschulreife

📅 Sept 2010 – Aug 11

📍 Krefeld, Germany

Grade=2,4: Technical chemistry

PROJECTS

TOP 3

Churn prevention at ZEITVerlag Hamburg

- Team project to improve the churn prevention model at ZEITVerlag Hamburg. We used Random Forest, XGBoost, KNN, Logistic Regression and Deep Neural Networks (DNN) to solve a binary classification problem. The model is going to be used.

Credit risk analysis Lending Club

- Pair programming project, where we fitted a model to classify default loans. We took the buyers perspective and scored with 94% recall to avoid the risks. Approaches: Random Forest, XGBoost, Adaboost, KNN, Naïve Baise

Real estate prices King County

- Started as an explorative data analysis. I was able to build a regression model, with an R2 of 88%. Data wrangling, data mining, preprocessing and feature engineering was needed.

VOLUNTARY WORK

- Member of the Central Committee for the Promotion of Young Scientists Uni Hamburg 2019-2020
- Chairman of the Committee on Budgets StuPa Universität Hamburg 2018-2020