SILAS MEDERER

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

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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 Glockenspitz
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