SILAS MEDERER

Aspiring data scientist, well-experienced in Python with Bachelor of Science degree 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, deployed a dashboard with user traffic from different APIs

Chairman
Studierendenausschuss Universität Hamburg

Mai 2018 – July 2020 Hamburg, Germany

Relaunch AStA homepage

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 under the topics 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
Tools: Git, Agile methods, AWS, OOP
Topics: NLP, spatial analysis, data wrangling

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

- As a small group we used different machine learning approaches improve the model at die Zeitverlag. We were able to score higher in recall and F1. To do so we used XGBoost, Random Forest and a unsupervised ANN.

Credit risk analysis Lending Club

- This project was organised as pair project. We used binary classification methods to predict which of the credits would not default. So that buyers could invest in them. The best scores where reached with a Random Forest. We had a recall of 94% and an accuracy of 87%.

Real estate prices King County

- It started as a project, were we should develop an exploitative data analysis, but I was also able to perform a linear regression. So I presented besides some interesting data insights a R2 score of 88%, what I am really proud of.

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