SILAS MEDERER

Aspiring data scientist, 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, deployed a dashboard with user traffic from different APIs

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Chairman
Studierendenausschuss Universität Hamburg

📅 Mai 2018 – July 2020 📍 Hamburg, Germany

Relauch 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
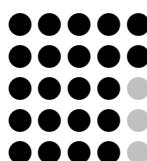
PROGRAMMING SKILLS EXCERPT

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 Zeit Verlag

- As a small group we tried different machine learning approaches to build a better model than the Zeit Verlag is using. We were able to score better in F1 and recall. To do so we used XGBoost, KNN and unsupervised NN.

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 a 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