

Felix Kleine Bösing | Curriculum Vitae

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Summary

I am a Machine Learning Engineer with a data science and business background and a strong passion for software development, machine learning, mathematics and statistics. Aside from my work as a Machine Learning Engineer I help students get to know machine learning and data science as a Mentor for TechLabs e.V.

Skills & Abilities

Python, R, C++, Docker, SQL, Postgres, MongoDB, Redis, Rest-Interfaces, Software Engineering, Machine Learning, Deep Learning, Reinforcement Learning, AutoML, Meta-Learning, Timeseries Forecasting, Microsoft Office, Neural Networks with Tensorflow, Decision Trees, VBA

Experience

Lead Machine Learning Engineer — Westphalia DataLab GmbH

09/2019 — today

- Responsible for the tactical development
- Development of a backend for generic analysis and forecasting of timeseries
- AutoML applications to optimize features and hyperparameters in the context of supervised learning problems
- Research and development of meta-learning for the estimation of model parameters based on empirical data
- Developing the company-wide python package distribution of custom packages via devpi
- Support of Data Scientists in the project business in professional and technical aspects

Data Scientist — Westphalia DataLab GmbH

11/2017 — 08/2019

- Implementation of several proof of concepts as project member and technical project manager
- Deployment of successful proof of concepts with docker
Internal tool development
- Conducting interviews with applicants (data science intern & full-time)
practical implementation of several applications such as forecasting, classification, regression, recommender system for different use cases in multiple branches (logistics, banking, FMCG, automotive and industry)
- Development of C++ extensions for R and Python

- Conducting training for timeseries forecasting and development
- Sales support, especially in the context of second contact and technical coordination as well as customer workshops to define their pain points

Data Science & AI Mentor (Voluntary work) - Techlabs e.V.

10/2018 - today

- Helping tech-interested students to learn new skills about Data Science, Machine Learning and Deep Learning.
- Supporting TechLabs participant in their conceptual search for an interesting and feasible machine learning project
- Professional and technical mentoring during project stage
- Use Cases of past Projects (Web Crawling & Vehicle Routing, Classification & NLP, NLP, timeseries forecasting, image recognition)

Learning Treack Designer (Voluntary work) - TechLabs e.V.

04/2019 - 09/2019

- Development of curricula for the data science track and a git track
- Exploring MOOCs and Papers to create interesting yet educational learning tracks for Data Science and AI Beginners

Student Assistant - zeb.rolfes.schierenbeck.associates GmbH

03/2017 - 02/2018

- Project support in development and internal projects
- Seminars in Accounting, Finance & Controlling for dual students and trainees

IT- Project Head - Kurt Pietsch GmbH & Co. KG

07/2014 - 12/2016

- Interface management SAP (EDIFACT, VMI)
- Project management and implementation of digital invoice receipt by purchasing group
- VBA programming for process optimization
- Second level support digital communication

Controller - Kurt Pietsch GmbH & Co. KG

02/2014 - 10/2014

- Standard reporting management
- Preparation of ad-hoc analyses
- Dispatch of monthly reports
- Updating and administration of the data warehouse

Internship in various departments - Kurt Pietsch GmbH & Co. KG

08/2012 - 02/2014

- in-company training: Employment in sales, accounting, purchasing, IT/Organisation

Education

University of Applied Sciences Muenster — Master Accounting and Finance

09/2016 - 09/2018

- Final Mark: 1.9, Thesis: 1.3
- Thesis: Data-driven working capital management in logistics
- stochastic processes / modelling of stock market movements / volatility / black-scholes

- machine learning in finance / calculation of credit risks / Development of rating systems
- Mergers & Acquisitions, business valuation, strategic management of corporate investments
- Capital market research
- Financial instruments / derivatives
- Riskmanagement / hedging

University of Applied Sciences Muenster - Bachelor Business Administration

09/2012 - 01/2016

- Final Mark: 2.0
- Business Administration with emphasis on controlling and quantitative methods

Certificates

Coursera

- Practical Reinforcement Learning by National Research University of Economics / Yandex
- Data Science Math Skills by Duke University
- Algorithms by Stanford University (Shortest Path Problems, NP-Complete Problems, Greedy Algorithms, Dynamic Programming, Minimum Spanning Trees, Sorting and Searching)
- Mathematics for Machine Learning by Imperial College
- Introduction to Mathematical Thinking by Stanford University
- Machine Learning by Stanford University

DataCamp

- Data Scientist with Python
- Data Scientist with R

Münster, the 2020-03-18

Felix Kleine Bering