



Jan Rathfelder

Curriculum Vitae

Summary

- Highly motivated teamplayer
- Constant eagerness to learn
- 4 years experience in (advanced) analytics and data science
- Experience in E2E deployment for ML models
- Fluid in python and R
- Private data science projects on [GitHub](#)

Working Experience

from 12/2020 Applied Scientist, *Predictive Buying*, Supply Planning & Analytics, Zalando SE.

- Model improvements
- Developing of PoC
- Presentation of results

from 07/2019 - 11/2020 Data Analyst, *Predictive Buying*, Supply Planning & Analytics, Zalando SE.

- Support of buyers by offering ML based products
- Development of a return rate model for further risk prediction
- Contribution to an elasticity prediction model

04/2018 - 06/2019 Data Analyst, *Team Analytics*, Pricing & Forecasting, Zalando SE.

- Development of an A/B Testing framework for Pricing & Forecasting
- Development of a campaign voucher effect measurement model, using a Bayesian structural time-series model
- Core involvement in a historical price elasticity of demand product
- Giving trainings on the internal Zalando network about the concept of price elasticity of demand

10/2015 - 05/2018 Pricing Manager, *Strategy & Competitive*, Pricing & Forecasting, Zalando SE.

- Improvement of the competitive adaption logic (Key-value-item logic)
- Analysis of customer survey data using an ordinal regression framework, which I established
- Being part of the conceptualization of different customer surveys

Study

12/2020 – ? Artificial Intelligence, *Master of Science*, IUBH Internationale Hochschule.

Modules

- Machine Learning
- Deep Learning
- Reinforcement Learning
- Computervision and NLP

06/2020 – 09/2020 Machine Learning, *Certificate (97%)*, [eCornell University](#).

Details

- Building popular algorithms using numpy, except for Neural Networks
- Probability Distributions
- Linear Classifiers, Decision Trees and Model Selection
- Learning with Kernel Machines
- Deep Learning and Neural Networks – pytorch

10/2011 – 12/2014 Economics, *Master of Science (2,4)*, University of Potsdam, Focus on Econometrics.

Details Econometrics

- Effect estimation using Stata
- Multiple Regression analysis, Instrumental Variable Estimation
- Logit and Probit Models
- Effect estimation using (Propensity) Score Matching and Difference-in-Difference
- Working student at the chair of Applied Econometrics for Prof. Dr. Caliendo

10/2007 – 09/2011 Economics, *Bachelor of Science (2,4)*, University Frankfurt (Oder), Focus Microeconomics.

Details Microeconomics

- General microeconomic theory on household and company
- Game Theory
- Energy economics

School

06/1996 – 07/2006 Abitur, Ernestinum Gymnasium, Celle.

Languages

German	Mother tongue
Englisch	Business fluent
Italian	Beginner

Programming

python	pandas, numpy, scikit-learn, pytorch, scipy.
R	dplyr, ggplot2, lubridate, SuperLearner, CausalImpact.
GitHub	Version control.
SQL	Ability to build complex query.
TeX	Love it.
Stata	Basic.

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