Stefan Matting

stefan.matting@gmail.com | +4917625558115

ABOUT

Github: **smatting**
LinkedIn: **stefanmatting**
Hobbies: making & listing to music • programming • running

SKILLS

PROGRAMMING

Python • R • SQL • C/C++ • Javascript • Matlab • Clojure • Haskell • Mathematica • Java

DATA SCIENCE

Data Analysis (Python data tools) • Deep Learning (tensorflow, theano) • Machine Learning (scikit-learn, xgboost) • Bayesian Statistical Modelling (Stan, PyMC3)

DATA PRODUCTS

Data Services (Google Cloud, nginx, RabbitMQ, Docker) • DBs (Postgresql, Elasticsearch, MongoDB)

EXPERIENCE

OUTFITTERY GMBH | Machine Learning Specialist

Dec 2013 - Dec 2017 | Berlin

- Hired as the first data scientist and helped in building the data department for 4 years
- Lead a small team of data scientists that independently developed data products all the way from initial concept to final integration
- Build the the technical platform that integrates all algorithms into the IT system
- Optimized the steering of several business processes with predictive ML models
- Increased the efficiency of Outfittery's stylists by developing several data products in the fashion domain: item matching, visual similarity of items, customer-based item recommendation, outfit search
- Developed a business forecast model based on a Markov chain model

FRAUNHOFER-INSTITUT FÜR SOLARE ENERGIESYSTEME | Research assistant

Mar 2008 - Feb 2013 | Freiburg im Breisgau

- Research assistant to Dr. Simon Schwunk
- Developed a modular simulation software for photovoltaic systems in C++.
- Assisted in developing algorithms that estimate that internal state of several battery types . TODO: ref to patent
- Ported multiple algorithms to embedded systems in C

UNIVERSITÄTS-KLINIKUM FREIBURG | Research assistant

Jun 2010 - Nov 2010 | Freiburg im Breisgau

- Research assistant to Prof. Dr. Thilo Hinterberger
- Assisted in developing software system that evaluates EEG measurements in C++.

EDUCATION

ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG

Diplom Mathematik
Sep 2013 | Freiburg
Final grade: 1.0

Coursework:
- random trees

ROBERT-BOSCH GYMNASIUM

Jul 1994 | Wendlingen, BW