

Stefan Matting

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ABOUT



GitHub: [smatting](#)

LinkedIn: [stefanmatting](#)

Hobbies: making music • hacking

SKILLS

DATA SCIENCE

- Analysis (all Python data tools)
- Machine Learning (scikit-learn, xgboost)
- Deep Learning (pytorch, tensorflow)
- Bayesian Statistical Modelling (Stan)

DATA ENGINEERING

- ETL (Python + SQL)
- Import / Export with external APIs
- Logfile parsing
- Data Stream Processing (Python + RabbitMQ)
- PostgreSQL
- MongoDB
- Elasticsearch

DEVELOPMENT

- Python (7+ years)
- Haskell
- git + CI/CD workflows
- Javascript/Elm/React/Vue.js

OPERATIONS

- GNU/Linux
- systemd
- AWS / Telekom Cloud
- filebeat + logstash + ELK
- salt
- nixos + nixops
- Docker

LANGUAGES

German (fluent) • English (fluent) • French

EXPERIENCE

ASKBY GMBH | ML DEVELOPER

Apr 2018 - Present | Berlin

At AskBy I...

- manage AskBy's operations and infrastructure
- developed the Backend of the AskBy NLQuery App – a chat interface for Webtrekk's users. Quality is assured via: a scalable by service-oriented design, application logging, monitoring and alerting, domain event streaming, ETL to PostgreSQL for analysis
- research and develop solutions that are powered by Natural Language Processing algorithms

OUTFITTERY GMBH | MACHINE LEARNING SPECIALIST

Dec 2013 - Dec 2017 | Berlin

At Outfittery I...

- lead a small team of data scientists. We autonomously developed solutions all the way from initial research to live production systems
- designed and developed the platform that integrates all algorithms from the data science team into the IT system
- built a diagnostic tool that connects applications failure log events (ElasticSearch) with Web Tracking Data (Snowplow)
- optimized the steering of several business processes with predictive Machine Learning models

FRAUNHOFER-INSTITUT FÜR SOLARE ENERGIESYSTEME | RESEARCH ASSISTANT

Mar 2008 - Feb 2013 | Freiburg im Breisgau

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

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

EDUCATION

ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG

MATHEMATICS AND COMPUTER SCIENCE STUDIES

2005 - 2013 | Freiburg im Breisgau

Graduated with a "Diplom Mathematik" with a final grade of 1.0 with my thesis on "Preferential Attachment Modell und Verzweigungsprozesse"

ROBERT-BOSCH GYMNASIUM

1991 - 2004 | Wendlingen, BW