



Marvin Tachenberger

Data Engineer

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About me

solution oriented Data Engineer with a strong focus on automation, communication and sharing knowledge. Code that I write or supervise always puts humans first - in its style, architecture and usability.

Tech-Skills

Python



Concurrency & Parallelism



Software Architecture



Linux



Systemd



SQL



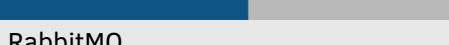
Docker



Kafka



Clickhouse



RabbitMQ



Redis



Experience

2018 - today Solactive

Data Engineer

- Development of various frameworks, packages and services connecting to REST API's for data ingestion
- Design and Implementation of REST API with distributed workers and monitoring
- Creation of flexible schedulers and distributed services using celery
- Construction of a small near-real time streaming engine for crypto-based indices
- Development of new and refactoring of services to an event-based and service oriented architecture
- Designing several dashboards for monitoring and operation using dash
- Implementation of distributed data-pipelines using dash
- Web-automation using Selenium.
- Training of business-user, analysts and developers in python and general programming
- Supervision and training of the departments software-engineering interns
- Conducting interviews and coding-tests
- Representation of the company and department on job-fairs

2017 - 2018 STATWORX

Consultant Data Engineer

- Support and Manage of major projects (see below)
- Numerous side projects
 - Development of a AI based Tool to estimate the success rate for invites on business portal like Linked-In or Xing.
 - Engineering of software to simplify deployment of AI in production environments
 - Concepts and realization of database-systems and data-pipelines

Project

Multinational retailer

Aug. 2018 - Nov. 2018

- Creation of a Demand-Model to estimate changes in consumer behavior.
- Migration of the tech-stack to the google cloud

Project

Multinational retailer

Jan. 2018 - Jul. 2018

- Development of a Simulation-Framework to evaluate complete pricing strategies and corresponding web-application (Full Stack)
- Migration of the tech-stack into the azure-cloud
- Training and Workshops for the clients to handle the tool for business -users and developers

Project

Multinational retailer

Oct. 2017 - Dec. 2017

- Extension of a model to calculate price elasticity's
- Planning of an A/B-Test to evaluate the existing results
- Design and implementation of a Monitoring Dashboard

Education

2015-2017 M.Sc. Economics

University of Bonn

Major in Statistics and Econometrics - Grade: 1.9

2012-2015 B.Sc. Economics

Christian Albrechts University, Kiel

Major in Macroeconomics - Grade: 2.1

NoSQL

Go

Kotlin

Frameworks

Celery

Pandas

Dash

Requests

FastApi

Selenium

Jinja2

Cookiecutter

Dask

Interpersonal Skills

- Enthusiastic and able to spread motivation
- Team work and knowledge-sharing.
- Mentoring skills
- Decision-making.
- Conflict resolution and mediation.
- Listening skills.

Interests

- Cooking
- Coffee
- Listening to podcast
- Looking out for new technical frameworks and libraries
- Creating a blog