Marvin Taschenberger

Data Engineer

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Solution oriented 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.

SKILLS

Tools and Languages	Python, SQL (MySQL, Postgres), NoSQL (MongoDB, Clickhouse, Neo4j), Kafka, Linux, Docker, Cloud (Google), Golang (hobby)
Communication	German (mother tongue), English (business professional)

TECHNICAL EXPERIENCE

Data Engineer   Dez 2018 — Present
Solactive   *Frankfurt*

- 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 dask
- 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

Consultant Data Scientist   Oct 2017 — Nov 2018
STATWORX   *Frankfurt*

- Support and Manage of major projects.
- Numerous side projects

  – development of a AI based Tool to estimate the 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   Oct. 2017 — Nov. 2018
STATWORX   *Frankfurt*

- Creation of a Demand-Model to estimate changes in consumer behavior.
- Migration of the tech-stack to the google cloud
- Creation of a Demand-Model to estimate changes in consumer behavior.
- Migration of the tech-stack to the google cloud
- Development of a Simulation-Framework to evaluate complete pricing strategies and corresponding web-application (FullStack)
- Migration of the tech-stack into the azure-cloud
- Training and Workshops for the clients to handle the application for business -users and developers
- Integration of the tech-stack to the google cloud
- Extension of an 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

M.Sc. Economics — Major in Statistics and Econometrics - Grade: 1.9 , *University of Bonn*	2015 — 2017
B.Sc. Economics 2012 — Major in Macroeconomics - Grade: 2.1, *Christian Albrechts University, Kiel*	2012 — 2015

INTERESTS

D&D, 3D-printing and modelling, Cooking, Coffee