Marvin
Taschenberger

Data Engineer

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About me ———

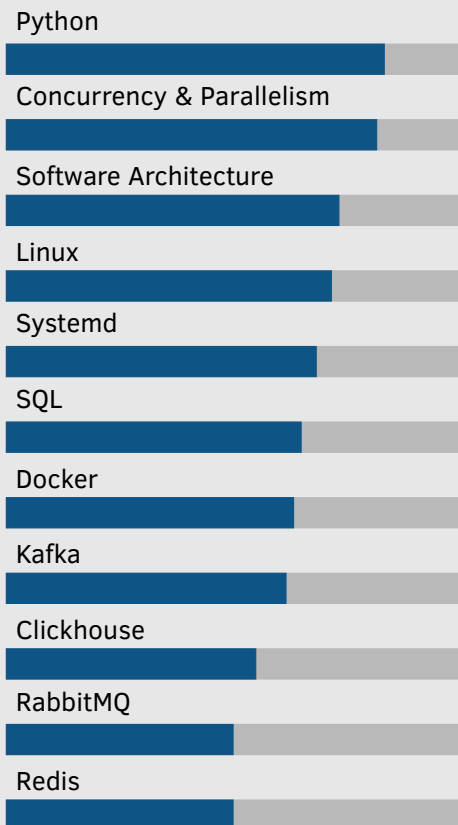solution oriented Data Engineer with a strong focus on automation, communication and sharing knowledge. Code that I write or supervise always puts humans first - in its style , architecture and usability.

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 Implemenation of REST API with distrubted 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

2017 - 2018 STATWORX
Consultant Data Engineer
- 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
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 (FullStack)
- Migration of the tech-stack into the azure-cloud
- Training and Workshops for the clients to handle the tool for business -users and developers
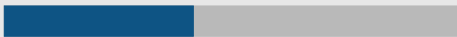
Project Multinational retailer
Oct. 2017 - Dec. 2017
- Extension of an model to calculate price elasticity's
- Planning of an A/B-Test to evaluate the existing results
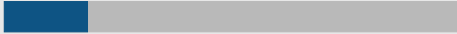- Design and implementation of a Monitoring Dashboard

Education

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	

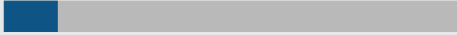NoSQL

Go

Kotlin

Frameworks ———

Celery

Pandas

Dash

Requests

FastApi

Jinja2
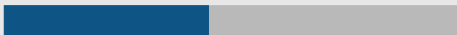
Cookiecutter

Selenium

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