MIRJAM KIRCHNER

Data. Insight. Action!

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WORKING EXPERIENCE

Data Scientist
One Data GmbH

📅 01/2022 – Today   📍 Munich, Germany

In my role, I am the direct support of our principal Data Scientist on the team, i.e., besides writing Data Engineering pipelines, I coordinate and coach junior team members, as well as shape technical and architectural design decisions for the financial planning platform that we currently develop.

- Design of a framework in Python to generate test data for solutions build in One Data's home-grown technology platform, e.g., to enable integration tests for a customer's finance planning platform
- Translation of user research data into an information flow design for the workforce planning activities of a large enterprise that enabled the UX/UI team to create a click dummy with high user acceptance

Consultant
adesso insurance solutions GmbH

📅 12/2020 – 12/2021   📍 Munich, Germany

- Consultation of upper management on a cross-functional data strategy, e.g., by giving a speech at an executive leadership meeting
- Designing and giving customer training sessions regarding adesso insurance solutions's software products with a focus on data models and historicization

EDUCATION

M. Res. in *Statistics and Operational Research*
Lancaster University

📅 10/2017 – 09/2018   📍 Lancaster, United Kingdom

- **Courses** (excerpt): *Likelihood Inference, Bayesian Inference, Computational Intensive Methods, Probability and Stochastic Processes, Optimization*
- **Final mark**: 72.83 out of 100 (pass with distinction)

M. Sc. in Management, Business and Economics
RWTH Aachen University

📅 04/2013 – 06/2017   📍 Aachen, Germany

- **Specialization**: General Management
- **Final Mark**: 1.3 (pass with distinction)

M. Sc. in Electrical Engineering, Information Technology and Computer Engineering
RWTH Aachen University

📅 10/2012 – 07/2015   📍 Aachen, Germany

- **Specialization**: Biomedical Engineering
- **Final mark**: 1.5 (very good)

PERSONAL PROJECTS

- **Seal dash board** (*http://where-is-rob-oliver-pandagoesdatascience.eu.pythonanywhere.com*): Scraping, pre-processing and visualization of seal admissions to a rescue station in Friedrichskoog using Python and AWS

- **Analysis of the effect of neuro-stimulation on the resting heart rate** Fitting of a random-effects model to medical-trial data in order to analyze the effectiveness of a medical prototype (neurostimulator)

ACHIEVEMENTS

Conference Speaker *Algorithms are stupid (without good data)*
Data Science Ruhr Kongress

📅 09/2022   📍 Bochum, Germany

Hackathon Organizer *One Big Mesh!*
One Data GmbH

📅 03/2023   📍 Passau, Germany

DATA SCIENCE

Python · databricks · Java · SQL · git · pandas · numpy · scikit-learn · matplotlib · plotly · dash · AWS

CERTIFICATIONS

- ***Certified Professional for Requirements Engineering - Foundation Level*** Requirements documentation, verification and validation as well as their management throughout the end-to-end product life cycle

LANGUAGES

- German (native)
- English (business fluent)

INTERESTS

Fitness Training · Books & Podcasts · Dungeons & Dragons · Drawing