MIRJAM KIRCHNER

Data. Insight. Action!

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WORKING EXPERIENCE

Data Scientist

ONE LOGIC

📅 01/2022 – Today   📍 Munich, Germany

- Design of a framework in Python to generate test data for solutions build in ONE LOGIC's development platform ONE DATA, e.g., to enable integration tests or facilitate customer presentations
- 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

Ph. D. Student in *Statistics and Operational Research*

Lancaster University

📅 10/2018 – 08/2020   📍 Lancaster, United Kingdom

- **Research Topic**: Detection of structural changes in networked data streams in cooperation with BT (formerly British Telecom)

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, Optimisation*
- **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

- **Specialisation**: 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

- **Specialisation**: 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)

DATA SCIENCE

Python & R | SQL | git | statsmodels | pandas | numpy | scikit-learn | Java | matplotlib, seaborn | Regression | Optimization Problems | Clustering | Changepoint Detection | Classification

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)

AWARDS

Springorum-Denkermünze *Award for exceptional academic achievements*

RWTH Aachen University

📅 2018   📍 Aachen, Germany

INTERESTS

Fitness Training | Books & Podcasts | Dungeons & Dragons