Dr. Maik Rosenheinrich

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EXPERIENCE

lead data scientist, diconium (2018-present): consulting for data governance, architecture, possibilities, design and implementation of machine learning / deep learning solutions (image recognition, classification, recommender systems, process mining and -automation)

PhD thesis, MHH (2012-2016): Data analysis of million row datasets, automation of data cleaning processes, statistical analysis, project management, experimental design, team management and tutoring/teaching, shared analysis with collaborators, paper writing, posters/talks

TECHNICAL SKILLS

Data: 5+ years of data experience: experimental design, modeling, statistical analysis, machine learning, analytics, reporting (Python, Excel, SQL)

Programming: 5+ years of experience: Python (pandas, numpy, sklearn, matplotlib, seaborn, keras, pytorch), SQL, C++

Visualization: 5+ years of experience with data visualization (graphs, charts, publications, dashboards)

Management: 3+ years of experience managing projects, direct reports, teammates, students, interns

Communication: 8+ years of experience presenting, public speaking, writing (articles, blogs, posters) and communicating results

Teaching: 8+ years of teaching peers, undergrads, pupils, interns, assistants as well as tutoring

Design: 5+ years of experience designing infographics, posters, presentations, talks (LaTeX, Photoshop, Illustrator, Keynote, Powerpoint)

Technologies: AWS (Glue, ERM, EC2, S3, Lambda, Machine Learning), Hadoop, Jira, Confluence, MySQL/NoSQL, Git, Tableau, vagrant, Mac, Windows, Linux, Docker, Scrapy, ERP-Systems

TRANSFERABLE SKILLS

Programming	Problem solving	Reporting	Team management
Resilience	Project planning	Visualization	Presentation
Prioritization	Decisiveness		

PROJECTS

DSSG - Data Science for Social Good (Berlin): Contributing knowledge to solving data problems of non-profit organizations and teaching upcoming data scientists.

Image classification: cellular classification based on images and resnet

FlatBerlin: Comparative analysis of zipcode based rents and recommendations for both customers and home owners from web-scraped data.

EDUCATION

MSc. in biochemistry/microbiology, Rostock University (2010 − 2012)

BSc. in biology, FU Berlin (2007 − 2010)