Dr. Marc Lange

Mathematician
Data Scientist
Analyst
Generalist

✉ Hamburg, Germany

🌐 https://github.com/Vassago1911

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About me

problem solver
analytical, creative, abstract, thorough
Automation, Prediction, Reporting, Analysis.. no kind of data I can't force into an AHA!, that will work for years even without me :)

fluent in
python, sql, latex, zsh, english, german
Blender, Numpy, Pandas, LaTeX, Scikit-Learn, (Tensorflow), BERT, Tesseract, Tableau, Matomo, Google Ads, ..

models in
data, geometry, dynamical systems, algebra
Natural Language Processing, (Realtime) Audio/Video Processing, automated understanding, Chatbots, Revenue Prediction, Budget Optimisation

experienced with
developing people, relationships, models, processes
team lead experience, consultant experience, lots of experience in educating various people

Skills

Math, Python, SQL, zsh

Data Science

git, cloud, team lead tasks :)

Education

2005,2011,2015	Abitur, Diplom, Doktor (Ph.D.) "magna cum laude"

Itzehoe, Hamburg, Hamburg

Major in Mathematics, Minors Physics and Computer Science

Languages:
German (native)
English (fluent)

Experience

2019-	Data Science Consultant	elbformat consulting, Hamburg
2018-2019	Tech Lead, BI / Data Science	AppLike GmbH, Hamburg
2016-2017	Business Intelligence (BI) Analyst	AppLike GmbH, Hamburg
2007-2015	Various Tutoring jobs	University of Hamburg

- doubled the margin share of revenue by mathematical optimisation of our bids
- define half year goals for Team BI
- presented on a sales event for AppLike's Top10 partners
- joined career and business fairs to approach business and tech applicants as well as business leads
- interim Product Owner for a backend-team in March 2018
- advised a master thesis in AppLike to synthetically generate fraudulent behaviour (July 2019)
- center between tech and business: tracking and reporting
- implementation with external partners for integrations - e.g. Appsflyer, Singular, King, Playrix, etc.
- instructed classes in Linear Algebra, Set Theory, Mathematics for Physicist
- advised

Other information

As a mathematician and a general tech enthusiast I am not fixed to specific areas of application. Currently my business expertise stems from a well-scaling business model in mobile marketing for the gaming sector, but I can see myself in contexts which are more scientific, more compassionate, or also more classic than this digital sector.

I generally make it a point to look for a diverse and kind environment of colleagues and contribute to that myself. I bring in some diversity expertise from contributing in university to the "AG Queer Studies". At the yearly Chaos Communication Congress I keep myself informed and inspired on current scientific developments as well as the ethics of tech. Finally I usually try to code one or two new papers (usually from arXiv, e.g. https://arxiv.org/abs/1901.02878v1) on machine learning in my spare time, so I will tell you when the most promising AI-development comes.

Hobbies: Gaming (Pen and Paper (DnD), PC (Starcraft, Mass Effect)), Sports (Yoga, Gym, BJJ (retired)), US-Series to keep my English current

Salary expectation: 80.000€ +