



Lead Data Scientist

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ABOUT

Hands-on team lead in data science. I am motivated to work on public services. My areas of expertise are machine learning, computer vision, spatial analysis and Python programming. With 10 years of experience, I am familiar with many areas within data science and data engineering.

Looking for a job as a individual contributor, preferably leading a small team of data scientists and engineers. I prefer roles where I am developing models or coding at least 50% of my working hours. As a developer and writer, I keep things simple and I am good at choosing the right technology for the job.

This page is an overview, see LinkedIn profile for more details on education and more working experience.

EXPERIENCE

2020/1 –	Lead Data Scientist SpotR is creating an application that enable large-scale insights in building portfolios. The data we analyze consists of images and spatial datasets. I have architected the machine learning platform we use for training computer vision models. This platform builds on Pytorch Lightning, the Hydra configuration framework, AWS Batch and a homegrown data format for large datasets. I also developed an internal package for camera transformations based on OpenCV.	SpotR.ai
2018/6 – 2020/1	Consultant Data Scientist Urban Science is a unit within Axians, a software consulting company. This new team applies data science to challenges that arise in urban areas. The main project I worked on was at Spotr.ai and I moved to an in-house role at Spotr.ai after working there for a year as an external consultant.	Urban Science - Axians
2016/6 – 2018/6	Consultant Data Scientist Working as a consultant and as a trainer. Specializing in text mining and applied probability. Projects include sales forecasting at Teva, developing a data science training course at the municipality of Utrecht and a project on HR analytics at Yacht.	Xomnia
2012/10 – 2016/6	Scientist / Innovator The Media Mining group applies techniques from Natural Language Processing, data science and computer vision to cybercrime, social media, smart cities and media personalization. As a Scientist / Innovator, I coauthored publications and developed application prototypes.	TNO

EDUCATION

2003 – 2011	MSc., Mathematics Specialization in Stochastics and Financial Mathematics. Courses in Stochastic Processes, Portfolio Theory. Noncompulsary courses in Logic, Psychology, Scheduling and Game Theory. Member of the Education Committee, mentor for new students, assistant teacher for Calculus and Linear Algebra.	University of Amsterdam
2022	Basic Modeling for Discrete Optimization	Coursera
2016	Probabilistic Graphical Models, Machine Learning	Coursera
2012	Advanced Pattern Recognition	TU Delft

TECHNOLOGIES

Python - expert
AWS - proficient
PostGIS - proficient
R - proficient
Julia - intermediate

OTHER

In my spare time I like playing guitar and enjoy rock climbing. I live in Amersfoort with two kids. I use Spacemacs as my daily editor. I enjoy programming puzzles and competitions such as Advent of Code.

COMPETITIONS

- Power Laws: Cold Start Energy Forecasting, drivendata.org
- Segmenting Buildings for Disaster Resilience, drivendata.org
- Accountability Hackathon 2016, encouragement prize