

# David Roschewitz

data scientist



## info

Born 21st August 1996  
Swiss and German

## contact

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## languages

german & english  
fluency  
basic dutch working  
proficiency

## programming

Advanced: Java, R &  
Python  
Proficient: C#, C, Matlab  
JavaScript, CSS, HTML

## Software

LaTeX, Git, Microsoft  
Office Suite, Blender,  
Adobe Lightroom

## education

- 2018-present **MSc Data Science** ETH Zürich, Switzerland
- 2014-2017 **BSc of Knowledge Engineering and Data Science** Maastricht University, Netherlands  
Summa Cum Lauda  
*Honours track KE@Work, MaRBL excellence diploma*
- 2012-2014 **International Baccalaureate Diploma** International School Winterthur, Switzerland  
Graduated top 3% worldwide.

## publications

- 2017 **Roschewitz, D.**, Driessens, K., Collins, P.: Simultaneous Ensemble Generation and Hyperparameter Optimization for Regression. In: Verheij, B., Wiering, M. (eds.) Proceedings of the Twenty-Ninth Benelux Conference on Artificial Intelligence (BNAIC). Springer (2017)

## experience

- 2017-2018 **Mediaan** Heerlen, Netherlands  
*Data Scientist*  
My tasks entail designing digital agents powered by natural language processing, training machine learning algorithms and finding innovative solutions to business problems. Regularly, I guide customers through the possibilities of applied machine learning, and work on research-style prototypes. I am active on large-scale projects, leading a team of data scientists and act as a product owner during development.
- 2015-2018 **Ultimaas** Maastricht, Netherlands  
*Treasurer*  
As the treasurer of the sports association I am responsible for the financial operations. Concretely, this includes creating a budget, purchasing training materials and managing billing for tournaments and competitions.
- 2015-2017 **Mediaan** Heerlen, Netherlands  
*KE@Work trainee*  
In the framework of the KE@Work programme, I acquired real-world experience both as a full-stack developer and as a data scientist by working on projects for our customers. The part-time traineeship culminates in the bachelor thesis, a joint assignment for Mediaan and the University of Maastricht.
- June-July 2013 **Mattenbach AG** Winterthur, Switzerland  
*Intern in the MediaLab*  
I designed the Google AdWords campaign, filmed and produced a company video and contributed to an internal web-system handling IT-support requests.

## volunteering

- 2013      **Track and field school Winterthur**  
The track and field school offers free weekly trainings to children aged 6 to 11, and as a coach I helped coordinate and instruct the sessions.
- 2013-2014      **Filmjury Winterthur**  
We assess the suitability and quality of films for the NGO "Filme für die Erde" (Films for the planet), which attempts to raise awareness for global issues through cinematography.

## interests

**professional:** data science, machine learning, automatization, teaching  
**personal:** ultimate frisbee, travel photography, custom watercooling, gin & tonic