

# David Schoch | Resume

R Developer

Status: Team Lead for Transparent Social Analytics, GESIS  
Field: Software Engineering, Data Science  
Techs: R, bash, Python, javascript, Lua

Cologne, Germany  
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## Summary

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## Experience

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Team Lead - GESIS - Leibniz Institute for the Social Sciences Mar. 2022 - Present

- \* Coordination of a project to build an Open Science platform with reusable code and tutorials
- \* Research on Open Science Practices
- \* Implementation of tools to enhance reproducibility and facilitate research with digital data in R

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Presidential Fellow - University of Manchester Sep. 2018 - Feb. 2022

- \* Research on Disinformation on Social Media
- \* Analyses of large scale and unstructured data sets with R, Python and Bash

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Post Doctoral Researcher - ETH Zurich Nov. 2017 - Aug. 2018

- \* Developing new methods to analyze social networks
- \* Implementing methods in libraries
- \* Gathering and analyzing large datasets from Social Media APIs

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Post Doctoral Researcher - University of Konstanz Oct. 2015 - Oct. 2017

- \* Developing new methods to analyze social networks
- \* Implementing methods in libraries
- \* Webscraping and harmonizing a large corpus of football data

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Ph.D. Candidate - University of Konstanz Nov. 2012 - Sep. 2015

- \* Developing new methods to analyze social networks
- \* Implementing methods in libraries

## Education

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Ph.D. in Computer Science - Konstanz, Germany Nov. 2012 - Sep. 2015

- \* Thesis: A Positional Approach for Network Centrality
- \* Developed and implemented new methods to assess network centrality

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Diploma in Business Mathematics - Karlsruhe, Germany Sep. 2006 - Jul. 2012

- \* Thesis: Modularity Maximization
- \* Implementation and comparison of different clustering algorithms using Matlab