



David Schoch

Team Lead "Transparent Social Analytics"

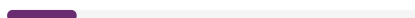
- ▶ Konstanz, Germany
- ▶ german
- ▶ married

Skills

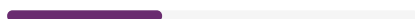
R 10+ yrs.



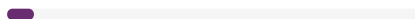
Python 2 yrs.



JavaScript 4 yrs.



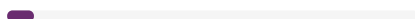
Lua 1 yr.



Rmarkdown 6 yrs.



Quarto 1 yr.



Data Analysis 9 years



Web Scraping 8 yrs.



Web Development 8 years



Tools

- ▶ Git
- ▶ RStudio
- ▶ VS Code
- ▶ Terminal

Summary

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Experience

Team Lead for Transparent Social Analytics

03/2022 - Present

Department of Computational Social Science
GESIS - Leibniz Institute for the Social Sciences

I am coordinating a project to build an Open Science platform with reusable code and tutorials to analyze digital behaviour data. I am also doing research on Open Science practices and I implement tools to enhance reproducibility and make methods accessible in R

Presidential Fellow

09/2018 - 02/2022

Sociology Department
University of Manchester

I did research on Disinformation on Social Media which involved the analysis of large scale and unstructured data sets with R and Bash

Post Doctoral Researcher

11/2017 - 08/2018

Chair of Social Networks
ETH Zurich

I developed new methods to analyze social networks and I gathered and analyzed large datasets from Social Media APIs

Post Doctoral Researcher

10/2015 - 10/2017

Department of Computer & Information Science
University of Konstanz

I developed new methods to analyze social networks and scraped, harmonized, and analyzed a large corpus of football data

Ph.D. Candidate

11/2012 - 09/2015

Department of Computer & Information Science
University of Konstanz

I developed new methods to analyze social networks and implemented these methods in R packages using R and C++

Projects

See my github profile for a comprehensive list of open source projects.

R packages

Creator and Maintainer

edgebundle, graphlayouts, levelnet, netrankr, netUtils, networkdata, PSAWR, roughnet, roughsf, rtot, Rtumblr, signnet, snahelper, webbotparseR, webtrackR

Education

09/2012 - 11/2015

Ph.D. Computer Science

University of Konstanz

Thesis: Positional Approach for Network Centrality

10/2006 - 07/2012

Businessmathematics (Dipl.)

Karlsruhe Institute of Technology

Thesis: Modularity Maximization

Contact

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🏠 mr.schochastics.net

🐙 schochastics

🐦 schochastics

R packages

Contributor

backbone, ggraph, multigraphr, netropy, rang, rgraph6

Quarto extensions

Creator and Maintainer

Academicons (shortcodes), Blackboard (revealjs theme), sketchy (html theme), share buttons (filter), nutshell (filter), quartocities (website template), quartocv (cv templates)

soccerverse.com (football analytics website)

Creator and Maintainer

Manual and automated gathering of football results around the world, Harmonizing data (e.g. club names and managers), Implementation of ranking algorithms, Predicting of league tables and matchforecasting, Uses R, JavaScript, HTML, and CSS, around 1000 visitors/month