

David Schoch | Resume

R Developer

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

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Summary

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Experience

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	
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	
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	
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	
Ph.D. Candidate - University of Konstanz	Nov. 2012 - Sep. 2015
* Developing new methods to analyze social networks	
* Implementing methods in libraries	

Education

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	
Diploma in Business Mathematics - Karlsruhe, Germany	
Sep. 2006 - Jul. 2012	
* Thesis: Modularity Maximization	
* Implementation and comparison of different clustering algorithms using Matlab	