



## Yuxuan Chen

Job title

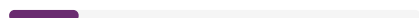
- ▶ bullet 1
- ▶ bullet 2
- ▶ bullet 3

## Skills

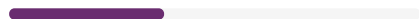
R 10+ yrs.



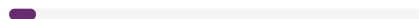
Python 2 yrs.



JavaScript 4 yrs.



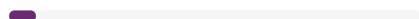
Lua 1 yr.



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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-  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