Yuxuan Chen

Job title

- bullet 1
- bullet 2
- bullet 3

Skills
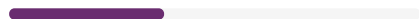
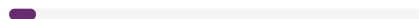**R**   10+ yrs.

Python   2 yrs.
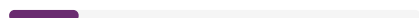
JavaScript   4 yrs.

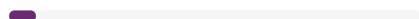**Lua**   1 yr.

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 datsets 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, rtoot, 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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✉ cyxnbnbnb@gmail.com

🏠 mr.schochastics.net

○ 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