

Yuxuan Chen | Resume

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

Cologne, Germany
mr.schochastics.net
david@schochastics.net

Summary

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

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

BS in Mathematics and Applied Mathematics - Zhejiang University of Technology Sep. 2020 - June. 2024

* Relevant Courses: Mathematical Analysis, Advanced Algebra, Analytical Geometry, Ordinary Differential Equations, Probability Theory, Operations Research, Optimization Methods, Time Series Analysis, Complex Variables and Integral Transform, Numerical Computation, Data Analysis with R, Mathematical Modeling, Financial Mathematics

Value Investment Techniques: Advanced Application and Exploration Research of Valuation Models in CFA Certification - Columbia University Jul. 2023 Aug. 2023

- * Engaged in research on the application and exploration of value investment techniques and related valuation models. Primarily focused on four US stocks: Microsoft (MSFT), Apple (AAPL), Pfizer (PFE), and Merck (MRK). Analyzed and processed data regarding their Earnings Before Interest and Taxes (EBIT) to Total Revenue, annual return rates, and Earnings Per Share (EPS) from 2019 to 2022.
- * Utilized Pearson correlation coefficients to discuss the correlations among the data and employed function fitting to generate graphs, exploring the impact of various indicators on valuation and their application within valuation models.

MS in Applied Business Analytics - Boston University Sep. 2024 - Jun. 2025

* Relevant Courses: Business Analytics Foundations, Operations Management, Financial Concepts, Quantitative and Qualitative Decision Making, Enterprise Risk Analytics, Marketing Analytics, Web Analytics for Business, Data Mining for Business Analytics, Investment Analysis and Portfolio Management, Quantitative Methods for Finance.