Zeyuan Chen

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Education

Uppsala University, Uppsala, Sweden — Sep. 2024 - Jun. 2026 (expected)

Master of Science in **Social Science**, Department of Informatics and Media

- **Grade**: All courses have been rated VG (pass with distinction) so far.
- **Courses**: Data Structure and Algorithms, Introduction to Machine Learning, Forecasting Methods and Causal Inference for the Social Sciences, Quantitative Methods, Digital Media & Democracy and the Welfare State, etc.

Beijing Normal University (BNU), Beijing, China — Sept. 2020 - Jun. 2024

Bachelor in **Philosophy** (Liyun Honour Class), with a minor in **Sociology**

- **Grade**: Major GPA: **3**.81/4.0 Overall GPA: 3.67/4.0 **3rd** in my class (awarded postgraduate recommendation)
- **Courses**: Advanced Algebra, Mathematics Analysis, Introduction to Statistics (R), Social Statistics, Interactive Python Programming, Statistical Software for Social Sciences (SPSS), Social Stratification and Social Mobility, Social Policy, etc.

Radboud University, Nijmegen, Netherlands — Jan. 2023 - May. 2023

Exchange Programme in Faculty of Philosophy, Theology and Religious Studies

Research & Publication

Research Internship at Aalto University — Apr. 2025 - Aug. 2025

Research Assistant supervised by Barbara Esther Keller

Title: Race to the Big Lab: Gender Disparities in Large Team Collaboration and Its Impact on Early Academic Careers

- Full paper has been submitted and currently under review.
- Built dynamic network datasets from the SciSciNet data lake, measured scholars' power in academia using a modified version of neighborhood centrality, and performed descriptive analyses across disciplines and gender groups.
- Identified the causal effect of large-team collaboration on early-career academic development using the Synthetic Difference-in-Differences, and explored whether and how such mechanism has reproduced gender inequality in the academia.

Master Thesis Preparatory Study — Mar. 2025 - Ongoing

Individual Research supervised by Jacob Habinek and Johan Lindell

Working Title: Mapping the Intellectual Field: A Computational Study of French Philosophy (1950–1990)

- Built a data collection and cleaning pipeline using Python scraping and LLMs API to construct a corpus of French philosophical writings from 1960 to 1980, and further developed an inter-referencing scholar network to quantify structural positions and writing strategies.
- Based on Bourdieu's theoretical framework, manually collected complementary indicators such as scholars' ties within the Collège de France seminar network, and their publication frequency and thematic focus in avant-garde journals and intellectual outlets.

Self-Motivated Research Projects — Always Ongoing

Project 1: The Invisible in Philosophy: Mapping the Stanford Encyclopedia of Philosophy Entries Network

- Extended abstract was accepted by **IC2S2 (parallel talk)** and **ICSSI (poster)**.
- Scraped all entries from the Stanford Encyclopedia of Philosophy using Python's Selenium, extracting text, publication dates, and links (including interlinking relationships).
- Conducted exploratory analysis using Louvain community detection and degree distribution. Developed OLS (for PageRank score) and logistic regression (for orphan entry status) to examine the impact of gender, region, and philosophical tradition on the visibility of encyclopedia entries.

Project 2: Science and Technology in Science Fiction: A Pre- and Post-WWII Comparison through Word Embedding and Mixed-Method Topic Modelling

- Extended abstract was accepted by **IC2S2 (poster)**.
- Scraped book metadataand automatically generated summaries from the Gotenburg database using Selenium in Python.
- Explored themes in science fiction literature through inductive text analysis and Correlation Explanation topic modeling.
- Measured semantic shifts in science fiction topics before and after World War II using cosine similarity of Word2Vec.

Research Internship at Renmin University of China — Dec. 2023 - Present

Research Assistant supervised by Ye Zhang

Content: Research on topics related to health inequalities and social factors

- Two paper recently accepted: a) developing mapping algorithms from disease-specific instruments onto generic-based Quality of Life instruments, employing k-fold cross validation and bootstrapping estimation; b) Quantile regression based on data

from a national survey was used to identify socio-demographic factors affecting elderly patients with nephropathy in different health states.

- One working papers under review: Panel Tobit regression and 2SLS were used to estimate the impairment of cognitive ability by (water-damage-induced) mold odor exposure, as well as differences by gender and regional groups, based on three waves of longitudinal data from CHLHS.

Beijing Undergraduate Research Training Program Jun. 2021 - May. 2022

Team Research Leader

Title: Internet Public Opinion Incidents on Gender Issues and their Social Impact.

- Collected and analyzed online public opinion data on gender issues using Python, employing web scraping, descriptive statistics, and correlational analysis.
- Conducted critical discourse analysis and case studies to examine how different discursive practices on social media construct and reinforce gender ideologies.

Working Experience

Intern BNU Internet Institute - Research Assistant Feb. 2024 - Jun. 2024

Python, Microsoft Office

- Collected and analyzed large-scale textual data using Python (Selenium), automating web scraping processes to extract key insights for research on generative AI and state governance.
- Assisted in revising an academic report, ensuring clarity, coherence, and methodological rigor in discussions on the regulatory challenges and societal implications of generative AI.

Intern DiDi Global - Map Product Manager Aug. 2023 - Oct. 2023

Python, SQL, Excel

- Worked closely with the data engineering team and the operation department to design and implement data tracking points, optimizing data collection for location-based services.
- Analyzed driving behavior data from the Google Maps API and user feedback, identifying patterns to enhance routing algorithms and user experience.

Intern Meituan - UX Operation May. 2023 - Aug. 2023

SQL, Excel, User Research

- Conducted data-driven analysis on user engagement and service efficiency, leveraging SQL and Excel to extract actionable insights for UX improvements.
- Designed and facilitated user interviews to gather qualitative feedback, informing product optimization strategies based on customer needs and pain points.

Skills

- **Data Analysis**: Python (PyTorch, Transformers, Gensim, NetworkX, etc.), R, Stata, SPSS
- **Web Techniques**: Python scrapping (Selenium), HTML, Javascript
- **Computer Science**: C/C++ (Basic data structure and algorithm), Python, Git, SQL, LaTeX
- **Language**: English (IELTS - 7.5), Chinese, Reading French (A2 - B1)

Honors and Awards

Full Scholarship, Uppsala University 2024
Outstanding Camper, Philosophy Summer Camp of East China Normal University 2023
3rd Prize, Academic Essay Competition at BNU 2023
2nd Prize, Scholarship of Beijing Normal University 2022
3rd Prize, Scholarship of Beijing Normal University 2021
Honourable Mention, Interdisciplinary Contest In Modeling 2021