Sophie Jiarui Wang

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EDUCATION

Expected 2023	**University of Chicago** MA in Computational Social Science
2021	**University of Colorado, Denver** BA in Economics (Dean's List) BA in History (Dean's List)
2018	**London School of Economics and Political Science** Summer Program in Marketing

RESEARCH INTERESTS:

Behavioral Sciences; Psychology and Decision-Making; Computational Social Sciences; Natural Language Processing; Artificial Intelligence for Social Good; Social media data.

RESEARCH EXPERIENCE

10/2021-present	**University of Chicago Booth School of Business**	Chicago, IL
	Center for Applied Artificial Intelligence Faculty Advisor: Dr. Sendhil Mullainathan Project: Misarticulation and Natural Language Processing (with Rafael Batista)	
06/2021-08/2021	**Tsinghua University**	Beijing, China
	Research Assistant at Department of Political Science Supervisor: Dr. Yue Hu	

- Conducted literature review on citizenship and urban politics, analyzed the theoretical framework and wrote reports.
- Translated the instruction of an interactive R program on GitHub.

07/2020-12/2020	**U.N. Economic and Social Commission for Asia and the Pacific**
	Economic Affairs Intern Bangkok, Thailand
	Director: Dr. Aida Karazhanova

- Conducted research for the Information Communication Technology (ICT) and Disaster Risk Reduction division on the digital technology response of Asia-Pacific member states to COVID-19.
- Developed a novel e-resilience index to measure digital performance across the regions and built the illustrative table for a UNESCAP working paper on e-resilience and pandemic recovery.
- Produced data analytics on the affordability of internet in country groupings on sub-regional and income levels.

05/2020-07/2020	**University of Colorado, Denver** Denver, CO
	Research Assistant at Department of Economics
	Supervisor: Dr. Enoch Cheng

- Designed a network analysis in Python by collecting financial data from SEC filings of all Corporate Directors of S&P 500 companies.
- Evaluated key network measures and visualized a directed Force Atlas layout network graph using Gephi.

ACEDAMIC EXPERIENCE

08/2019-05/2021	**University of Colorado, Denver** Denver, CO
	Teaching Assistant at Department of Economics

- Provided students with timely feedback on their homework and tests and responded to their questions and concerns via Canvas and emails.
- Liaised between students and instructors regarding teaching methods, course material issues, and identified creative and equitable solutions.
  - o Introduction to Macroeconomics (Fall 2019, Spring 2021)
  - o Statistics and Computer Applications (Fall 2019, Fall 2020)
  - o Industrial Organization (Spring 2020)
  - o Game Theory Economic Applications (Spring 2021)

PEER-REVIEWED PUBLICATION:

Wang, Sophie Jiarui. (2020). "A Tale of Two Identities: Analyzing One Country Two Systems in the Age of Social Media." *Michigan Journal of Political Science, 2020 Fall,* 41-56. https://mjps.polisci.lsa.umich.edu/wp-content/uploads/2021/02/MJPS-Fall-2020.pdf

HONORS AND AWARDS:

2021	Phoenix Research Award Scholarship	University of Chicago
2021	MA Thesis Research Grant	University of Chicago
2019	Academic Excellence Award	University of Colorado, Denver

POLICY BRIEFS:

(Written during U.N. internship):
- Policy Implications of Meaningful Connection.
- Harnessing blockchain for Sustainable Development: Prospects and Challenges.
- Mastering E-resilience Toolkit through Institutional Challenges.
- Understanding E-resilience for Pandemic Recovery in Asia and the Pacific (contributed to working paper of UNESCAP)

PROFESSIONAL EXPERIENCE

07/2018-09/2018	**China Dragon Securities**	Beijing, China

Finance Intern at Investment Banking Department
- Categorized information according to the structure of prospectus and composed a 24-page analytical report about listed companies using data derived from Wind Information.
- Analyzed the direction of private equity placements and the merger and reorganization of enterprise events in the Chinese A-share market.
- Wrote a case study of five computational approaches of the scale of raised funds supplemented to working capital evaluating their accuracy.

06/2017-08/2017	**Great Wall Glory Securities**	Beijing, China

Business Intern at Business Department
- Assisted consultants on behalf of investors for market quotes and facilitated transactions. Offered investment suggestions and market analysis and developed a rapport with new customers.
- Collaborated with business directors and investment advisors to manage customer relationship and handle customers' inquiries.

SKILLS

Analysis & Programming: R, STATA, Python
Application: Gephi, Git(GitHub) , Markdown, MS Office, Wind, Basic SQL, LaTeX
Languages: Mandarin Chinese (Native); Cantonese (Fluent); English (Fluent); French (Basic)