

Jingwei Gao

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EDUCATION

Peking University, HSBC Business School

Shenzhen, China

M.A. in Communication, Minor in Finance (GPA: 3.5/4.0)

Sep. 2018 ~ Jul. 2021

- Advisor: [Weiming Ye](#) (Associate Professor); Interested in ICTs & platform society, data visualization
- Courses: Machine Learning for Finance(A); Artificial Intelligence and Application(A-); Visual Communications(A)
- Exchange: Selected for the exchange program (Nov. 2019 ~ Jan. 2020) at PHBS UK Campus, located in Oxford

Peking University, School of International Studies

Beijing, China

B.A. in International Political Economy, Double Major in Economics (GPA: 3.5/4.0)

Sep. 2014 ~ Jul. 2018

- Courses: Analytical Techniques of Data, Econometrics, Quantitative Analysis Method for Politics, Topics on Computer Applications (Python Programming), Probability & Statistics, Linear Algebra

SKILLS & LANGUAGE

Programming

- *Python* (proficiency): Designed and delivered a series of python programming lectures for postgraduates [\[Web\]](#)
- *R* & *Matlab* (for data wrangling and analysis), *JavaScript* (for reverse-engineering process and web programming)

Data Collection & Management

- Data crawling (*Requests*, *Scrapy*, *Selenium* | *Websites*, *Mobile apps*); Database (*SQLite*, *MySQL*, *MongoDB*)
- Data-collecting assistant on social media platforms (e.g. [weibo.com](#)) for consumer behavior research at NSD, PKU
- Project demo: Automated web crawler for legal documents [\[Code\]](#)

Quantitative Methods

- Regression (*SPSS*, *R*); Network analysis (*UCINET*, *Ergm* & *Rsienna* in *R*); Machine learning (*Scikit-Learn*, *PyTorch*)
- Online coursework: [MGT780](#) by Steve Borgatti, [Applied Social Network Analysis in Python](#) by Daniel Romero
- Kaggle project: Cancellation prediction (responsible for the explainable deep learning model) [\[Web\]](#)[\[Code\]](#)[\[PDF\]](#)

Language

- GRE (331/340): V-162, Q-169, AW-3.0 (*Nov. 2022*)
- TOEFL (100/120): Reading-25, Listening-27, Speaking-22, Writing-26 (*Nov. 2023*)

RESEARCH

A Peer-reviewed Journal (co-authored, CSSCI)

- Ye, W. & **Gao, J.** (2019). The Effect of Education on Trust: Analysis of Internet Use and Social Trust Based on CGSS2015. *Chinese Journal of Computer-Mediated Communication*, 1, 131-146. [\[Web\]](#)
- Key findings: Positive moderate effect of education on the relationship between internet use and social trust
- Contributions: Data analysis (moderation analysis with Johnson-Neyman technique) & Results interpretation

Algorithm Mediated Platform Labor (funded by China National Social Science Foundation, 2019)

- Project leader: Weiming Ye
- Contributions: A collaborative feasibility report (“*Food Couriers and Labor Platforms in Digital Society*” based on qualitative methods); Literature review & Conceptualization; Questionnaire design; Survey

WORKING

Product Designer (backend), Tencent

Jul. 2021 ~ Jun. 2022

- Responsible for: Cross-border payment (via *WeChat Pay*); Fund security
- Led: A cross-currency settlement system for *WeChat Pay Europe*; A universal account reconciliation system

LEADERSHIP & HONORS

Teaching Assistant: Web Scraping and Text Mining (2020-21 Fall)

President: Association for Financial Technology, PKU (2018 ~ 2019)

Vice President: Student Union of College, PKU (2016 ~ 2017)

Other Rewards: Founder Scholarship, Graduate Student Scholarship, Academic Progress Award