Yuxin Liang

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Education

University of Pennsylvania   **Sep. 2022 – May 2024**
MS., Social Policy and Data Analysis, GPA:3.83   *Philadelphia, PA*

Fudan University   **Sep. 2017 – Aug. 2022**
LLB., International Politics, GPA:3.41   *Shanghai, China*

Waseda University   **Sep. 2019 – Aug. 2020**
BA., Political Science, GPA:3.68   *Tokyo, Japan*

Award

Georgetown University, Massive Data Institute | *Green Space Data Analysis Challenge, Second Prize*   **May 2023**
- Used two-way-fixed-effects model on PAD-US-AR and NYC crime data to link more green spaces to lower crime rates.
- Won a $2,000 award for data analytics excellence and clear data visualization of complex findings.

Bai Xian Asia Institute | *Asian Future Leaders Scholarship Program*   **2019-2020 Cohort**
- Earned an $18,000 Scholarship during dual bachelor's studies at Waseda University.
- Participated in the BXAI Summer Program to enhance leadership skills.

Working Experience

Centre for Guaranteed Income Research, University of Pennsylvania   **Oct. 2022 -**
Quantitative Policy Analysis Assistant   *Philadelphia, PA*
- Drafted analytical reports for various government clients, providing policy recommendations with a focus on basic income policy across 33 cities.
- Managed and collected survey data and conducted the data analysis using SQL, Stata, R, and Excel to evaluate the policy. Conducted qualitative research (interviews and site visits) as part of the research process.

School of Social Policy and Practice, University of Pennsylvania   **Sep. 2023 - May 2024**
Teaching Assistant   *Philadelphia, PA*
- Instruct graduate students in *Applied Linear Modeling*, covering statistical models, visualization and policy analysis.
- Managed course content and assignment for 16 students, achieving a 3.89 teaching evaluation score.

Ipsos   **Mar. 2022 – June 2022**
Data Analyst Intern   *Shanghai, China*
- Supported data entry, management, and analysis in collaboration with internal and external colleagues, utilizing PowerPoint and Excel for visual insights to aid business partners from proposal to implementation.
- Managed 5 projects across various sectors, successfully completing 3, enhancing client strategies for new products or recruitment.

Fudan Institute of Belt and Road Global Governance, Fudan University   **July 2019**
Qualitative Student Researcher   *Yunnan, China*
- Used interviews and focus groups with officials and villagers to evaluate the impact of tourism on local economies.
- Drafted client memos, issue briefs, and chapters of analytic reports to officials, facilitating informed decision-making.

Research Projects

"Being a man:The historical legacy of British rule for gender inequality in India"   **In progress**
- Applied instrumental variable analysis with USAID's Demographic and Health Survey data, examining British colonialism's impact on gender attitudes in India, analyzing over 800,000 individuals and 100,000 clusters.
- Found a notable shift towards egalitarian views in previously colonized regions, demonstrating my adept use of causal inference to address gender inequality and international development.

"Broadway's Backstage: Decoding the Dynamics of Musical Networks"   **In progress**
- Mastered Python and Beautiful Soup to compile a comprehensive dataset from the International Broadway Database, featuring over 10,000 shows and a network of 130,000+ theatre professionals, along with lyrics from 445 significant shows, showcasing my capability to handle large datasets and perform advanced web scraping.
- A preliminary achievement includes visualizing the geographical spread of theaters and shows through geocoding with Google API, detailed here: link.

Skills

Software: Zotero, SQL, R, Python, Stata, ArcGis, QGIS, LaTeX, Tableau, ABBYY, Adobe InDesign, Microsoft Office (Word, Excel, PowerPoint)
Languages: English (Fluent), Spanish(Basic), Chinese (Native)