刘思凡 Sifan Liu

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Education

Georgetown University   *Washington, DC*

MASTER OF PUBLIC POLICY, GPA 3.86   *2014 - 2016*

Shanghai Jiao Tong University   *Shanghai*

B.S., ECONOMICS, GPA 3.71   *2010 - 2014*

Experience

The Brookings Institution   *Washington, DC*

RESEARCH ANALYST, METROPOLITAN POLICY PROGRAM   *2016 - current*

- Worked with economic development organizations in five cities and advise their business dynamism strategies with data and analysis; conducted on-site interviews and presented findings.
- Published reports on crowdfunding and VC investment activities; analyzed CrunchBase data through API, and conducted network analysis to study technology complexity of startup ecosystems across major U.S. metros.
- Designed and maintained an internal U.S. metro/county market assessment dashboard using R Markdown and R Shiny with 60+ indicators on regional demographic, economic and labor market trends from 30+ public and private data sources including OECD patent statistics, U.S. Census microdata, etc.
- Developed an internal R package with datasets and functions for a research team of 25 to streamline data fetching, cleaning, and wrangling workflow, reduced overall data analysis hours by 80 percent; implemented code and data guideline to improve research reproducibility and replicability.
- Led a program-wide effort to create a searchable database of 100+ evidence-based local, regional and national policy solutions on business dynamism, workforce development, infrastructure and housing.

Yo-i Advisory (startup)   *Shanghai*

MANAGER   *2017 - 2017*

- Designed and implemented data collection plan to measure the company's client engagement effort.

Climate Policy Initiative   *San Franscisco, CA*

ASSISTANT, CLIMATE FINANCE   *2015 - 2016*

- Designed and analyzed survey data from 16 national development banks in Latin America on climate investment activities

Publications

- Muro, M, S Liu, J Whiton, and S Kulkarni (2017). Digitalization And The American Workforce. Brookings Institution.
- Parilla, J and S Liu (2018). Examining The Local Value Of Economic Development Incentives. Brookings Institution.
- Parilla, J, S Liu, and M Gootman (2018). Future Economic Prosperity. Brookings Institution.

Skills

- Language: Mandarin, English, Spanish, French
- Programming: R, Python
- Certification: Udacity Machine Learning Nanodegree