Yuqi Liao

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EXPERIENCE

AMERICAN INSTITUTES FOR RESEARCH   Washington, D.C., USA
Research Associate   *June 2016-Present*
- Use both machine-learning and econometrics methods to predict student outcomes and analyze heterogeneous treatment effects based on data from the Conditions for Learning survey.
- Communicate research results through data products including published reports, data visualizations, and interactive R Shiny apps.
- Contribute to the development of EdSurvey – an R package for analyzing education surveys and assessments data from the National Center for Education Statistics (NCES).
- Manage data updates to and provide training about the International Data Explorer (IDE), a web-based tool for analyzing data from large-scale international studies.

GEORGETOWN UNIVERSITY   Washington, D.C., USA
Graduate Teaching Assistant, McCourt School of Public Policy   *August 2016-December 2016*
- Led weekly Stata training sessions and graded problem sets for the Advanced Regression/Program Evaluation Methods course.

Research Assistant, Office of Vice President for Global Engagement   *April 2015-September 2015*
- Managed Georgetown University's official social media account (Weibo) and web database on a daily basis; tracked statistics and conducted research to advise on best practices to enhance Georgetown University's global reach.

Research Assistant, Berkley Center for Religion, Peace & World Affairs   *January 2015-September 2015*
- Developed and maintained the Center's website materials about researches on US-China relationships; managed social media account (Weibo) to promote the Center's website and recent publications of scholars.

CENTER FOR RESEARCH ON CHILDREN IN THE UNITED STATES   Washington, D.C., USA
Research Assistant   *January 2015-May 2016*
- Developed quantitative analyses using Stata and R on the effectiveness of the Tulsa Public School's Pre-K program.
- Coordinated data management, including geocoding, merging and cleaning datasets, and developing codebook for the research dataset.

THE BROOKINGS INSTITUTION   Washington, D.C., USA
Research Intern, Metropolitan Policy Program   *June 2015-December 2015*
- Developed economic growth strategy for the state of Rhode Island in Brookings' innovation economy team; collected and synthesized data on Rhode Island's performances, ranging from the labor market, education, to public transit systems and compared with other New England states; reported analysis findings for policy recommendation to Rhode Island.
- Conducted individual research project analyzing collaborative R&D expenditures between business and academia sector in the US; presented the project to Brookings scholars and researchers; drafted findings into a blog post published on Brookings' website.

LEARNING ENTERPRISES NGO for expanding horizons of children through English language classes   Jiangxi, China
Country Coordinator (China)   *August 2012-September 2013*
- Managed the program implementation in China in 2012; raised CNY 30,000 (USD 4,800) in funding from corporate and individual donors; established successful working partnerships with community educational leaders; recruited and trained teacher volunteers.

Volunteer English Teacher   *July 2012-August 2012*
- Cooperated with American volunteers to teach English to nearly 200 students aged between 9 and 15 in a village school in JiShui.

EDUCATION

GEORGETOWN UNIVERSITY   Washington, D.C., USA
McCourt School of Public Policy, Master of Public Policy   *May 2016*
McCourt School of Public Policy Scholarship, GPA 3.87
Coursework: International Trade Policy; Economics; Comparative Policy Process; Data Visualization; Introduction to Data Science
Thesis: "The Relationship Between STEM Educational Attainment and Utility Patents: A State-Level Analysis"

NANJING UNIVERSITY   Nanjing, China
School of Foreign Studies, Bachelor of Arts in English Language and Literature (International Business)   *June 2014*
Outstanding Student Representative of Nanjing University, GPA 3.79

UNIVERSITY OF ICELAND   Reykjavík, Iceland
School of Humanities, Exchange Student   *August 2011-January 2012*

SKILLS

Language: Chinese, native proficiency; English, native proficiency; French, elementary proficiency
IT: R; Python; Stata; SPSS; SQL; ArcGIS; HTML; D3.js; Photoshop; Illustrator; Microsoft Office Suite; Piktochart; Salesforce