

# Lilia Qian

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## EDUCATION

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B.S. Economics & Philosophy, Duke University, Durham, NC

8/21–5/24

*GPA 3.9/4.0, National Merit Scholar*

Relevant Coursework: Econometrics & Data Science, Statistical Foundations of Econometrics (*Undergraduate Teaching Assistant Fall 2022*), Intermediate Microeconomics, Mathematical Statistics, Multivariable Calculus, Linear Algebra, Differential Equations

## EXPERIENCE

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Research Assistant

5/22–Present

*Dr. Anna Gassman-Pines, Center for Child & Family Policy, Duke University, Durham, NC*

- Build and clean STATA datasets from raw survey responses of a multi-year study on the health effects of work schedule unpredictability among Philadelphia low-wage workers
- Research and compile data on over 600 employers affected by Philadelphia's Fair Workweek Employment Standards Ordinance

Social Policy & Economics Intern

6/22–8/22

*Westat, Rockville, MD*

- Independently wrote a custom Python script to qualitatively analyze the health equity impact of over 400 grants in a 10-year foundation evaluation; presented findings to senior researchers
- Researched and wrote three nationally relevant blog pieces on trauma-informed practices for vulnerable youth; all blogs slated for publication on National Comprehensive Center website
- Compiled, vetted, and uploaded 50 up-to-date resources on trauma-informed care to the National Comprehensive Center website for dissemination among educators and policymakers
- Organized grant data in SPSS on chronic homelessness interventions in Los Angeles County

Research Intern

9/21–12/21

*Adcock Lab, Duke University, Durham, NC*

- Selective, fully funded fellowship program in quantitative social sciences research under the supervision of Dr. Jia Hou Poh and PhD candidate Abigail Hsiung
- Contributed to development of novel experimental paradigm investigating neurological & social foundations of human information-seeking
- Trained in Python programming for cognitive neuroscience research; independently developed a Stroop task experiment in Python using the PsychoPy framework

Software Development Intern

7/20–8/20

*CodeDay, Walnut, CA*

- Researched U.S. civic engagement & local election participation patterns by demographic
- Devised user research survey and collected demographic-representative data
- Designed and prototyped mobile app in Figma to increase information accessibility for local elections; developed early-stage mobile interface built using React Native, implemented database and user login system with Google Firebase

Editorial Assistant

9/19–7/20

*Georgetown Journal of International Affairs, Washington, D.C.*

- Solicited policy pieces by academics and policy makers on current events in international affairs, particularly pertaining to social inequalities exacerbated by the climate crisis
- Edited articles and served as primary point of contact with authors prior to publication
- Primary editor on 2020 piece co-authored by chair on the UN Framework for Climate Change Conventions detailing the gendered impacts of climate change on South African farmers

## SKILLS

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Writing, Editing, Literature Review, Data Analysis, Data Cleaning

STATA, Excel, Python, PsychoPy, HTML, CSS, JavaScript, Microsoft Office Suite