

# Jin Niu

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## Education

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### Brown University

*PhD, Economics*

Aug 2023 – present

*Providence, RI*

### University of Michigan

*B.S. Economics (Highest Honors), Statistics (High Honors), & Math (Minor), GPA 3.85/4.0*

Aug 2019 – May 2023

*Ann Arbor, MI*

## Publications

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1. Niu, J. Brown, C. Law, M. Colacino, J. Ritov, Y. (2024). Longitudinal Position and Cancer Risk in the United States Revisited. *Cancer Research Communications*, Volume (Issue), Page range.

## Research Experiences

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### Research Assistant

*Chengdu Institute of Biology, Chinese Academy of Sciences*

June, 2023 – Aug, 2023

*Chengdu, China*

### Research Assistant for Florian Gunsilius

*University of Michigan, Department of Economics*

May, 2022 – Nov, 2022

*Ann Arbor, MI*

- Gather Night Lights data from Google Earth Engine.
- Wrote an honors thesis titled *Observing Lockdown from the Outer Space*, achieved highest honors upon graduation

### Research Assistant for Ya'acov Ritov

*University of Michigan, Department of Statistics*

Jan, 2022 – Aug, 2022

*Ann Arbor, MI*

- Research on the relationship between being in different longitudes of a time zone and cancer rates in the United States (funded by Natural Science Foundation).
- Conduct data collection, cleaning, and manipulation; apply regression discontinuity design using natural splines.
- Refute a previous paper by concluding that the difference in cancer rates across time zone borders is not significant.
- Wrote an honors thesis, *Longitudinal Position and Cancer Risk in the United States Revisited*, achieved high honors upon graduation

## Other Experiences

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### Vice President of M-etrics (Econometrics Student Club)

*University of Michigan, Department of Economics*

Aug, 2022 – May, 2023

*Ann Arbor, MI*

- Lead bi-weekly meetings (size of 40) and teach Python commands in settings applicable to econometrics.
- Help members with debugging.
- Facilitate members with completing final projects and giving presentations.

### Board Member of Omicron Delta Epsilon

*University of Michigan, Department of Economics*

Jan – May, 2023

*Ann Arbor, MI*

- Managed and coordinated guest speaker event of graduate students for members of ODE (International Honors Society for Economics) with fellow officers.

**Industry Research Intern**

May – Aug, 2021

*Huachuang Securities**Beijing, China*

- Researched a water utility company's operating history, current management guidance on future development projects and financial performance, as well as industry outlook. Published on the company's social media platform for clients to make investment decisions.
- Completed a report analyzing Chinese utilities industry's exposure to government policy changes
- Compiled reports that summarized collected data on R&D investments in the Chinese clean and renewable energy industry
- Gathered daily and weekly market updates of the energy industry from news agencies and government websites, updating clients on market movements.

*Awards & Honors*

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**Ferrando Honors Prize** (3/700+) Outstanding students in the economics graduating class  
*University of Michigan* 2023

**University Honors (six consecutive semesters)**  
*University of Michigan* 2019 – 2022

**James B. Angell Scholar**  
*University of Michigan* 2021

**William J. Branstrom Freshman Prize**  
*University of Michigan* 2019

**California Scholarship Federation**  
*Las Lomas High School* 2017 – 2018

*Skills*

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**Languages:** English (fluent) and Mandarin (native).

**Programming Languages:** R (Proficient), Python, Java (Intermediate), Javascript, SQL, MATLAB (Beginner).

**Others:** L<sup>A</sup>T<sub>E</sub>X, Google Earth Engine (GEE).

*Other Interests*

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**Membership:** Society of Women in Economics.

**Volunteering:** University major/minor exploration events; poll worker.

**Sports:** Badminton, swimming (intermediate), fencing (beginner).

**Musical Instruments:** Guzheng (advanced), piano (beginner).

**Hobbies:** Calligraphy, photography, writing, clay making, watercolor.