

# Nan Xiang

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## Education

**University of Wisconsin-Madison**, Master of Science, 2021

Master of Science in Economics

Thesis: "Trade Policy Uncertainty and Misallocation"

Advisor: Kim Ruhl, Charles Engel

GPA: 4.0

**Nanjing University**, Master of Arts, 2019

Master of Professional Accounting

Thesis: "Economic Policy Uncertainty, Policy Sensitivity, and Corporate R&D Investment"

**Nanjing University of Posts and Telecommunications**, Bachelor of Science, 2017

Electronic Engineering

## Research

### *Publications*

'A Reconsideration of the Failure of Uncovered Interest Parity for the U.S. Dollar' (w/ Charles Engel, Ekaterina Kazakova, Mengqi Wang), *Journal of International Economics*, 2022, 136: 103602.

### *Working Papers*

"Trade Policy Uncertainty and Misallocation"

### *Work In Progress*

"Property Tax and Urban Spatial Sorting"

## Research and Teaching Experience

**Pre-Doc (full-time), Princeton University International Economics Section, 2023**

*Research Assistant to Stephen Redding, Eduardo Morales, and Ezra Oberfield*

### **Quantitative Modeling Experience**

- Use MATLAB to simulate a trade model of quantity competition á la Stackelberg and studied its implications for terms of trade and welfare;
- Independently investigate the international market structure of light vehicle and look for possible evidence of entry deterrence;
- Use MATLAB to calibrate a model of international supply chain disruption and analyze supply chain reorganization in response to Trump tariffs;

- Code in Julia to estimate migration costs using a moment inequality approach with simulated data;
- Solve and calibrate a growth model with non-homothetic preferences and learning by doing using Julia;
- Check derivations and debug MATLAB codes for an international dynamic spatial general equilibrium model in which goods trade and capital investment interact within and across periods;

### Data and Empirical Experience

- Clean and perform DiD analysis on large-scale California housing data from Zillow;
- Clean and fuzzy-match car models from IHS Markit data;
- Calculate soil suitability for wheat for British constituencies with QGIS and ArcGIS;
- Web-scrape and combine various data sources to build a genealogy database for British aristocrats;
- Estimate treatment effects of the Repeal of the Corn Laws on aristocrats' nobility ranks with the DiD estimator

### Research Assistant (part-time), University of Wisconsin-Madison, 2020

*Research Assistant to Dmitry Mukhin*

### Assistant Instructor, Nanjing University, 2019

*Teaching Assistant to Advanced Macroeconomic Theory*

- Gave lectures on mathematical derivations for dynamic programming;
- Presented complete derivations for "Agency Costs, Net Worth, and Business Fluctuations"

## Additional Training

### Princeton University (2022)

ECO539A Empirical Approaches in Micro (A)

ECO539B Advanced Applied Econometrics (A)

### Baruch College (2019)

C++ Programming for Financial Engineering (Distinction)

### London School of Economics (2019)

ME306 Real Analysis (A+)

### University of Illinois Urbana-Champaign (2018)

MATH441 Differential Equations (A+)

MATH448 Complex Variables (A+)

## Select Honors

Best Research Paper Scholarship, University of Wisconsin-Madison, 2021

Wenxin Huai Academic Excellence Scholarship, University of Wisconsin-Madison, 2021

Excellent Graduate Student, Nanjing University, 2019

First-Class Academic Scholarship, Nanjing University, 2018

First-Class Talent Scholarship for Graduate Student, Nanjing University, 2018

## Language and Computer Skills

### Programming

Julia, MATLAB, C++, R, Stata, ArcGIS, QGIS, HPC cluster,  $\LaTeX$

### Languages:

English (fluent), Mandarin (native)

Last updated: October 26, 2022