

Weilun, Shi

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Education Background

Nankai University, Tianjin, China 09/2014-07/2018

Bachelor of Arts Major: English Minor: Economics | GPA: 3.9/4.0 Class Rank: 1/48 Department Rank: 4/106

Cornell University, Ithaca, USA 09/2018-08/2020

Master of Science Major: Applied Economics and Management, S.C. Johnson School of Business GPA: 3.7

Thesis Title: The Economics Of Agricultural Land Use Conservation And The Conservation Reserve Program

University of Washington, Seattle, USA 09/2020-12/2022

Master of Arts Major: Economics, College of Arts and Science GPA: 3.6

Relevant Coursework: Linear Algebra, Multivariable Calculus, Measure Theory, Advanced Probability, PhD

Microeconomics (Consumer and Producer Theory, Game theory, General Equilibrium, Contract Theory), PhD

Macroeconomics (DSGE, RBC, Incomplete Market Model, VAR), PhD Econometrics, Time Series Analysis, Honor Real Analysis,

Casual Modelling, Nonparametric Econometrics (with Machine Learning)

Computer Skills: R; Python; STATA; SQL; LaTeX; Matlab; Html; Webpage build and design; GIS; Linux; Adobe After Effects/Photoshop/Premium

Honors & Awards

University of Washington George and Pearl Corkery Scholarship 09/2020

Cornell University Hudson H. Lyon Fund 06/2019

Nankai University First Class Scholarship 01/2017

National Scholarship of China 01/2016

Work Experience

Research Analyst I International Food Policy Research Institute 03/2023-

- Analyzed and managed large household datasets (up to 10,000 observations) using statistical and econometric techniques to support research projects aimed at improving living conditions in developing countries.
- Assisted with the development and implementation of quantitative surveys in Kenya and Ethiopia, including questionnaire design and field team training and monitoring (overseeing 5 team members).

Instructor 03/2021-06/2022

- Taught Independently ECON201 Course (Section number 201D and 201H). Made quizzes, homework questions and exam questions. Taught Lectures on Tuesday and Thursday 6:30-8:20pm. Held Office hours and graded problems.
- Graduate Teaching Assistant of ECON200 Introduction of Microeconomics. Taught ECON200 quiz section AH independently. Graded writing assignments and exams and communicated with the TA team.

Research Intern Advisor: Dr. Benjamin Leard & Dr. Matthew Wibbenmeyer, Resoures For the Future, Washington D.C.

Topic: Forecasting Land Use Change with Satellite Data 06/2019-06/2020

- Performed geocomputation on NLCD land use change data. Designed and improved R algorithm.
- Built and maintained web scraper in R to scrape 57,131 auto trader data.

AEA Data Editor Assistant Advisor: Dr. Lars Vilhuber, Labor Dynamics Institute, ILR School, Cornell University

Topic: Replication of AEA Journal Article 05/2019-09/2020

- Accessed 35 journal pre-publication materials on OpenICPSR provided by authors. Replicated the article results. Did the literature search and created tabulation and figures of results.
- Drafted memos, briefs, or sections of reports regarding the accessed journals.

Research Assistant Advisor: Prof. Brian Dillon, Applied Economics and Management, Cornell University

Topic: Market integration and harvest wages 10/2018-06/2019

- Extracted 1,437,981 Meteorological Weather and spatial data of Four African countries with ArcGIS.
- Cleaned, reshaped, joined and matched data of geovariables with R programming, produced tables and data visualization for journal article.

Part Time Assistant

Advisor: Dr. Boyang Zhang, Citadel Investment Co., Ltd.

Topic: The Impact of China's anti-corruption Policy on Economic Construction 01/2017-04/2018

- Ran primary regression of 2,404 observations on anti-corruption policies from different level political units in various region in Stata.

Topic: Determinants Of Short-Term Capital Flows 08/2017-04/2018

- Conducted background research (including literature reviews) and contributed to original data collection on a range of short term and long term initiatives related to capital flows, generated hypothesis and solved optimization problem.