

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-
Doctor of Philosophy 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
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

Research Experience

Research Intern Advisor: Dr. Benjamin Leard & Dr. Matthew Wibbenmeyer, Resources for the Future, Washington D.C.
Topic: Forecasting Land Use Change with Satellite Data 06/2019-08/2019

- Performed geocomputation on NLCD land use change data. Designed and improved R algorithm.
- Built 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 geovariates with R programming, produced tables and data visualization for journal article.

Research Associate Intern Advisor: Prof. Alessandro Teixeira, Schwarzman Scholars, Tsinghua University
Topic: National Saving habit and road to solve financial crisis 06/2018-09/2018

- Contributed to research for grant and proposal development, and collaborated with the communications team to contribute data-driven graphics and research to newspaper article, reports, blogs, briefs, and other communications material.

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.

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.

Teaching Assistant Advisor: Prof. Melissa Knox, University of Washington 03/2021-12/2021

- 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.

Independent Instructor Course: ECON201H, University of Washington 01/2022-

- Independently teaches ECON201H. Taught lecture sessions and quiz sections. Graded and made exams, homeworks, and writing assignments. Held Office hours and answered questions.