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   **09/2020-06/2022**
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

Instructor   **01/2022-06/2022**
- 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.

Teaching Assistant   **Advisor**: Prof.Melissa Knox, University of Washington   **03/2021-09/2021**
- 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.

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.

Research Associate Intern   **Advisor**: Prof.Alessandro Teixeira, Schwarzman Scholars,Tsinghua University
Topic:National Saving habit and road to solve finanical 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 articel, 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 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 optimazation problem.