Shengyang "Travis" Cao

Email: travis.cao@wisc.edu
Website: https://scaotravis.github.io

548 W Johnson St
Madison, WI 53703

Last updated: November 20, 2018

Education

B.A. in Economics and Mathematics, University of Wisconsin-Madison, 2019 (expected).
Economics major with mathematics emphasis
Honors candidate for economics major
Comprehensive honors candidate under College of Letters & Science

Research Interests

Environmental economics, public economics, econometrics, applied microeconomics.

Working Papers

Cao, Shengyang (2018). "Does Energy Efficiency Affect Demand: An Empirical Study on the Energy Paradox Within Automobile Industry".

Cao, Shengyang (2018). "Uncertainty in Lightbulb Failing: A Study on the Energy Paradox Within the U.S. Residential Lighting Market". Research write-up published in *Equilibrium* Fall 2018, University of Wisconsin-Madison Economics Undergraduate Research Journal.

Grants

Honors Senior Thesis Summer Research Grants, "Does Energy Efficiency Affect Demand: An Empirical Study on the Energy Paradox Within Automobile Industry."
University of Wisconsin-Madison, Summer 2018
Adviser: Matthew Wiswall
Amount: $3,000

Scholarship and Honors

Recipient of Degenhart Family Scholarship in Economics.
Department of Economics, University of Wisconsin-Madison, Spring 2018

Dean's List under College of Letters & Science.
University of Wisconsin-Madison
Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017

Academic Presentations

"Does Energy Efficiency Affect Demand: An Empirical Study on the Energy Paradox Within Automobile Industry," Guest Speaker at Global Economic Forum Kick Off Meeting.
Department of Economics, University of Wisconsin-Madison, Fall 2018

"Groups & Symmetries," Undergraduate Directed Reading Program.
Department of Mathematics, University of Wisconsin-Madison, Fall 2017
Mentor: Moisés Herradón Cueto

Work Experiences

Data Analyst & Lab Research Intern.
Epistemic Analytics, Wisconsin Center for Education Research, University of Wisconsin-Madison
Spring 2018 - present

Helpdesk Support Specialist, Quality Control, & Floor Supervisor.
Department of Information Technology (DoIT), University of Wisconsin-Madison
Fall 2016 - Spring 2018

Marketing Assistant.
Waukesha District, College Works Painting
Spring 2016

Miscellany

Languages
Chinese, native speaker
English, bilingual proficiency

Technical Skills
R (data.frame, data.table, tidyr, ggplot2, devtools, R package creation and maintenance),
Python (pandas, numpy, StatsModels, matplotlib, seaborn, geopandas),
LaTeX, Markdown, Stata, MATLAB, Microsoft Office

Citizenship
China, People's Republic of