

Shengyang “Travis” Cao

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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.

Research Projects

Cao, Shengyang (2018). “Does Energy Efficiency Affect Demand: An Empirical Study on the Energy Paradox Within Automobile Industry”. Senior Honors Thesis.

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),

L^AT_EX, Markdown, Stata, Jekyll, MATLAB, Microsoft Office

Citizenship

China, People’s Republic of