

# Shengyang “Travis” Cao

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## Education

Ph.D. in Economics, University of Wisconsin-Madison. 2019-24 (expected).

B.A. in Economics and Mathematics, University of Wisconsin-Madison. 2015-19.

*Economics major under mathematical emphasis and honors track*

*Graduated with Distinction*

*Graduated with Comprehensive Honors (Honors in Major and Honors in Liberal Arts)*

## Grants, Scholarships, and Honors

### Graduate (UW-Madison)

2020 Juli Plant Grainger Teaching Excellence Scholarship.  
UW-Madison, Department of Economics.

### Undergraduate (UW-Madison)

2019 Juli Plant Grainger Scholarship in Economics.  
UW-Madison, Department of Economics.

2018 Honors Senior Thesis Summer Research Grants.  
UW-Madison, College of Letters and Science Honors Program.  
*Project: Perform market demand estimation on California non-commercial automotive sector to determine the role of fuel efficiency in consumer preferences.*  
*Advisor: Professor Matthew Wiswall, UW-Madison, Department of Economics.*  
*Amount: \$3,000.*

2018 Degenhart Family Scholarship in Economics.  
UW-Madison, Department of Economics.

2015-17 Dean's List (all semesters).  
UW-Madison, College of Letters and Science.

## Academic Experiences

### Graduate (UW-Madison)

2019- Teaching Assistant.  
UW-Madison, Department of Economics.

2020 Fall: Law and Economics (Econ 522)  
Instructor: Professor Dan Quint

2020 Spring: Principles of Microeconomics (Econ 101)  
Instructor: David Johnson  
Average Rating: [4.72 / 5 \(Distinguished\)](#)

2019 Fall: Principles of Microeconomics (Econ 101)  
Instructor: David Johnson  
Average Rating: [4.35 / 5 \(Excellent\)](#)

## **Undergraduate (UW-Madison)**

2018-19 Research Intern and Data Analyst.

[Epistemic Analytics](#). UW-Madison, Wisconsin Center for Education Research (WCER).

*Projects: How multimodal data analysis facilitates understanding of student learning. Personally developed R package [hoo](#) for learning progress analysis.*

*Mentor: Hanall Sung, UW-Madison, WCER.*

## **Work Experiences**

2016-18 Helpdesk Support Specialist, Quality Control, and Floor Supervisor.  
UW-Madison, Department of Information Technology (DoIT).

2016 Marketing Assistant.  
Waukesha, WI District. College Works Painting.

## **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, scikit),

Julia, MATLAB, Java, Stata, L<sup>A</sup>T<sub>E</sub>X (including Beamer), Markdown, Git, Jekyll

### **Citizenship**

China, People's Republic of