

# Shengyang “Travis” Cao

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## Education

- Ph.D. in Economics, University of Wisconsin-Madison. 2019-24 (expected).
- B.A. (with Distinction) in Economics and Mathematics, University of Wisconsin-Madison. 2015-19.  
*Economics major with mathematical emphasis and honors*  
*Mathematics major under economics track*  
*Graduated with Comprehensive Honors (Honors in Major and Honors in Liberal Arts)*

## Grants, Scholarships, and Honors

- 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

- 2019-      Teaching Assistant.  
            UW-Madison, Department of Economics.
- 2019 Fall:   Principles of Microeconomics (Econ 101)  
                  Instructor: David Johnson  
                  Average Rating: [4.35 / 5](#)
- 2020 Spring: Principles of Microeconomics (Econ 101)  
                  Instructor: David Johnson
- 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.*  
            *Mentors: Hanall Sung, UW-Madison, WCER.*

## **Work Experiences**

- 2016-18    Helpdesk Support Specialist, Quality Control, and Floor Supervisor.  
              IT Helpdesk. 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),

Java, Python (pandas, numpy, StatsModels, matplotlib, seaborn, geopandas, scikit),

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

### **Citizenship**

China, People's Republic of