

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 investigate 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 Daniel 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^AT_EX (including Beamer), Markdown, Git, Jekyll

Citizenship

China, People's Republic of