

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.
 Mentor: 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^AT_EX (including Beamer), Markdown, Liquid, Jekyll, Stata, MATLAB

Citizenship

China, People's Republic of