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

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

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

Undergraduate

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),

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

Julia, MATLAB, Java, LaTeX (including Beamer), Stata, Markdown, Liquid, Jekyll

Citizenship

China, People's Republic of