Ken Bao

University California Santa Barbara
Department of Economics
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Education

Ph.D. Student, Economics, 2023
- University of California – Santa Barbara

MA, Economics, May 2017
- University of Missouri – St. Louis

BS, Business Administration – Finance, May 2014
- University of Missouri – St. Louis
- Minor, Economics

Awards and Grants

- Mortimer Andron Fellowship, UCSB
- 2017 Outstanding Student Award issued by U.S. D.O.T.
- Elizabeth M. Clayton Scholarship, 2016
- Iowa State UTC Grant Scholar, 2016

Research Experience

Center for Transportation Studies
- Graduate Research Assistant
- May 2015 to May 2017
- Director of Research: Dr. Ray Mundy

Research Assistant for Chris Costello
- Graduate Research Assistant
- July 2019 to September 2019

National Association for Business Economics
- October 2014 to May 2016
- Participated as project leader
- Aided students in developing skills in R

Teaching Experience

Teaching Assistant for:

- Principles of Microeconomics, UCSB (2 quarters)
- Intermediate Macroeconomics, UCSB (1 quarter)
- Statistics for Economics, UCSB (1 quarter)
- Corporate Financial Management, UCSB (1 quarter)

Teaching Associate for:

- Corporate Financial Management, UCSB (2 quarters)

Peer Reviewed Publications

(With J. Bracey and R. Mundy) "Highway infrastructure and safety implications of AV technology in the motor carrier industry." *Research in Transportation Economics* 77 (2019): 100758.

Other Papers and Presentations

Rooting Out Violence: One Analysis at a Time, 2014, Presented at the Missouri Valley Economic Association.

(With Dr. Mundy, Abby Wood), Cost Effectiveness Analysis: Substituting Ground Transportation for Subsidized Essential Air Services, December 2015, Institute for Transportation – Iowa State University.

Working Papers

How Effective are Ambient based Schemes in Addressing Non-point Pollution? A Case of the Florida Everglades.

Work Experience

AMS Automotive

- Intern Analyst, November 2014 to April 2015
- Basic demand modelling and forecasting
- Market trend analyses

Technical Skills

R, Python, Eviews, SHAZAM, SAS, ArcGIS, Octave, Matlab, Julia