

# SHRATHINTH VENKATESH

Department of Economics, Bolton Hall 802 ◊ 3210 N. Maryland Ave. ◊ Milwaukee, WI 53211  
shrathinth13@hotmail.com

## SUMMARY

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Economist with a track record of consistently and creatively solving a diverse set of problems. Experience with analysing multiple large data sets for research on both education and health using a variety of advanced empirical methods.

## EXPERIENCE

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### Graduate Research Assistant

August 2017 - December 2019

*College of Nursing, Department of Economics*

*University of Wisconsin - Milwaukee*

- Assessed the impact of the PERISCOPE perinatal health intervention using claims data from Medicaid and private insurance providers in Wisconsin.
- Used machine learning techniques including random forest, decision tree and K-nearest neighbours in R for variable selection and testing.
- Reported the results of our study in non-technical language.
- Communicated and worked with health professionals to create appropriate empirical models.

### Graduate Teaching Assistant

August 2014 - May 2020

*Department of Economics*

*University of Wisconsin - Milwaukee*

- Taught a diverse set of students with a wide range of technical backgrounds.
- Clearly communicated technical statistics and econometrics.
- Taught data analysis using R and STATA to undergraduate and graduate students with little prior knowledge.
- Had full control of 4 different courses across 8 semesters.

## EDUCATION

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### University of Wisconsin - Milwaukee

*(Expected) 2021*

PhD in Economics

Focus : *Labor Economics, Economics of Education, Health Economics*

### PES Institute of Technology, India

*2013*

BE in Mechanical Engineering

Focus : *Material Science*

## TECHNICAL STRENGTHS

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### Skills

### Tools

*Proficient*  
*Familiar*

Applied econometrics, Machine learning, Data Analysis  
STATA, R, Matlab,  $\text{\LaTeX}$   
Python, SQL, SAS, SPSS, E-Views, JAVA, C++

## PRESENTATIONS AND HONORS

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Midwest Economic Association Annual Meeting, St.Louis, MO	2019
Wisconsin Economics Association Annual Meeting, Stevens Point, WI	2019
University of Wisconsin - Milwaukee Economics Labor Lunch	2019
University of Wisconsin - Milwaukee Applied Microeconomics group	2019
Richard Perlman Prize for Outstanding Paper in Labor Economics	2018
University of Wisconsin - Milwaukee Chancellors Graduate student award	2014 & 2015

## RESEARCH

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<i>"Estimating the Effects of the Periscope Project"</i> with Jennifer Doering	(Expected) 2020
<i>"Are the Returns to Education Still Rising?"</i>	2019
<i>"The Emerging College Hours Premium for Men"</i>	2020
<i>"The Returns to Drinking: Workers or Jobs?"</i> with John Heywood	2020
<i>"Are changes in skill demand causing the declining returns to college?"</i>	(Expected) 2021

## PROFESSIONAL SERVICE

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Midwest Economic Association Annual Meeting, St. Louis, MO	<i>Discussant</i>	2019
Graduate Student Applied Microeconomics Group, UWM	<i>Co-organizer</i>	2019

## PROFESSIONAL ASSOCIATIONS

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American Economic Association  
Midwest Economic Association

## REFERENCES

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Provided upon request.