

# SHRATHINTH VENKATESH

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shrathinth.com

## SUMMARY

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Economist/Applied micro-econometrician with a track record of consistently and creatively solving a diverse set of problems. Experienced with analysing survey data and medical claims data from public and private insurance providers. Implemented a wide variety of empirical strategies to examine changes in labour market outcomes, health outcomes and their effects. Drawn robust conclusions from limited data and indirect treatment observation.

## 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*

## 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 propensity score matching and difference-in-differences regressions to find a 20% increase in prescription use and a \$310 reduction in emergency costs.
- 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.

**Lecturer** September 2020 - May 2021  
*Department of Economics* *University of Wisconsin - Whitewater*

- Teaching applied business statistics and principles of microeconomics.
- Creating content and teaching students in a Hy-Flex format.

**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.

## TECHNICAL STRENGTHS

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|               |                   |   |
|---------------|-------------------|---|
| <b>Skills</b> |                   | Applied econometrics, Machine learning, Data Analysis |
| <b>Tools</b>  | <i>Proficient</i> | STATA, R, Matlab, L <sup>A</sup> T <sub>E</sub> X     |
|               | <i>Familiar</i>   | Python, SQL, SAS, SPSS, E-Views, JAVA, C++            |

## RESEARCH

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|   |   |               |
|---|---|---------------|
| “The Emerging College Hours Premium for Men”                                    | (revision asked for by Education Economics) |               |
| “The Returns to Drinking: Social Workers or Social Jobs?”                       | with SJ Adams, JS Heywood & D Ullman        |               |
| Under Review  |   |               |
| “Are the Returns to Education Still Rising?”                                    |   | Working Paper |
| “Changes in the Returns to Education : Evidence from Three Cohorts of the NLSY” |   | Working Paper |
| “Estimating the Effects of the Periscope Project”                               | with SJ Adams & JJ Doering                  | In Progress   |
| “Changes in education’s effect on job sorting”                                  |   | In Progress   |

## 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 |

## 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.