SHRATHINTH VENKATESH

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shrathinth.com

SUMMARY

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

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

Lecturer September 2020 - May 2020
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 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.

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

Skills		Applied econometrics, Machine learning, Data Analysis
Tools	*Proficient*	STATA, R, Matlab, LaTeX
	Familiar	Python, SQL, SAS, SPSS, E-Views, JAVA, C++

PRESENTATIONS AND HONORS

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

"Changes in education's effect on job sorting"	*(In Progress)*
"The Emerging College Hours Premium for Men"	*(Under Review)*
"Estimating the Effects of the Periscope Project" with SJ Adams & JJ Doering	*(In Progress)*
"The Returns to Drinking: Workers or Jobs?" with SJ Adams, JS Heywood & D Ullman	*(In Progress)*
"Are the Returns to Education Still Rising?"	*2019*
"Changes in the Returns to Education : Evidence from Three Cohorts of the NLSY"	*2019*

PROFESSIONAL SERVICE

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

PROFESSIONAL ASSOCIATIONS

American Economic Association
Midwest Economic Association

REFERENCES

Provided upon request.