

# SHUBHAM KARNAWAT

Ph.D. Candidate  
Department of Economics  
University of California Irvine

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## EDUCATION

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### Ph.D. Candidate in Economics

University of California, Irvine  
GPA: 4.0

*2021-Present*

### M.A. in Economics

University of California, Irvine  
GPA: 4.0 (distinction in Microeconomics)

*2020-2021*

### Indian Institute of Technology Kanpur

B.S.-M.S. in Economics, Department of Economic Sciences  
Bachelor's GPA: 9.1/10; Master's GPA: 10/10

*2012-2017*

## RESEARCH INTERESTS

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Bayesian Econometrics and Statistics, Quantile Regression, Macroeconometrics

## WORK EXPERIENCE

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### Risk Analyst, Model Risk Management

Credit Suisse, Mumbai, India

*2017-2020*

## PUBLICATIONS

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“Flexible Bayesian Quantile Regression in Ordinal Models” with Mohammad Arshad Rahman, *Advances in Econometrics*, 40B, 211-251, 2019

## WORKING PAPERS

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“Flexible Bayesian Quantile Analysis of Residential Rental Rates” with Ivan Jeliazkov, Mohammad Arshad Rahman and Angela Vossmeier

“Dynamic Discrete Data Models with Correlated Errors” (Manuscript available at a request)

## WORK IN PROGRESS

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“Panel Quantile Regression with Mean Differencing ” with Ivan Jeliazkov

“Inflation as a Bad: A Simple Solution to Forward-Guidance Puzzle”

## CONFERENCE PRESENTATIONS

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“Dynamic Discrete Data models with Correlated errors”, Bayesian Macroeconometric Workshop, 2025, University of Queensland, Brisbane, Australia

“Flexible Bayesian Quantile Analysis of Residential Rental Rates”, 8th International Conference on Econometrics and Statistics, 2025, Waseda University, Tokyo, Japan

“Flexible Bayesian Quantile Analysis of Residential Rental Rates”, NBER-NSF Seminar in Bayesian Inference in Econometrics and Statistics, 2023, FRB Philadelphia, United States

“Flexible Bayesian Quantile Regression in Ordinal Models,” Australasian Meeting of the Econometric Society, 2018, Auckland, New Zealand.

“Effect of Exchange Rate on Export Demand of India,” 1st International Conference on Applied Economics and Finance, 2015, Vishakhapatnam, India.

## TEACHING EXPERIENCE

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**Guest Lectures**, Department of Economics, UCI

“Discrete Choice Models”, Econometrics II (ECON 123B) Winter 2025

“Quantile Regressions” Statistics and Econometrics III (ECON 220C) Spring 2024

“Flexible Bayesian Quantile Regression” Discrete Choice Econometrics (ECON 223A) Winter 2022

**Graduate Teaching Assistant**, School of Social Sciences, UCI

Statistics & Econometrics III (ECON 220C) Spring 2024

Econometrics II (ECON 123B) Winter 2025

Intermediate Quantitative Economics I (ECON 105A) Fall 2024

Basic Economics I (ECON 20A) Winter 2023, Fall 2024

Income Inequality (ECON 169) Fall 2023

Applied Econometrics II (ECON 122B) Summer 2021, Winter 2022, Spring 2023, Summer 2023

Intermediate Economics I (ECON 100A) Fall 2022

Managerial Economics (ECON 140) Fall 2022

Applied Econometrics I (ECON 122A) Spring 2022

Money & Banking (ECON 161A) Fall 2021

Probability & Statistics for Economics I (ECON 15A) Winter 2021, Spring 2021

Introduction to Financial Investment (ECON 132A) Fall 2020

## FELLOWSHIP AND AWARDS

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Summer Research Fellowship, Department of Economics, UCI

*2022-2025*

Certificate of Merit for Academic Excellence  
Department of Economics, IIT Kanpur

*2014-2016*

## TECHNICAL SKILLS

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**Programming Languages:** C, R, Python, L<sup>A</sup>T<sub>E</sub>X

**Data Analysis & Statistical Software's:** MATLAB, Dynare, STATA, H2O, MySQL, Microsoft Office

## POSITIONS OF RESPONSIBILITY

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### **Assistant Coordinator**

Institute Counselling Service, IIT Kanpur

*2014 - 2015*

### **Academic Mentor and Student Guide**

Institute Counselling Service, IIT Kanpur

*2013 - 2014*

## REFERENCES

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[Ivan Jeliazkov](#)

Associate Professor

Department of Economics,  
University of California  
Irvine

[Oliko Vardishvili](#)

Assistant Professor

Department of Economics,  
University of California  
Irvine

[Eric Swanson](#)

Professor

Department of Economics,  
University of California  
Irvine

[M. A. Rahman](#)

Associate Professor

Department of Economic Sciences,  
IIT Kanpur