

SHUBHAM KARNAWAT

Ph.D. Candidate
Department of Economics, UCI
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EDUCATION

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

Bayesian Statistics, Machine Learning in Economics, Empirical Macroeconomics, Macroeconometrics

WORK EXPERIENCE

Risk Analyst, Model Risk Management

Credit Suisse, Mumbai, India

2017-2020

PUBLICATIONS

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

WORKING PAPERS

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

“Dynamic Discrete Data Models with Correlated Errors” (Sole Author, manuscript available at a request)

WORK IN PROGRESS

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

“Panel Quantile Regression with Mean Differencing ” with Ivan Jeliazkov,

CONFERENCE PRESENTATIONS

“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

Graduate Teaching Assistant

School of Social Sciences, UCI

Graduate Econometrics III: Spring 2024

Econometrics II: Winter 2025

Applied Econometrics II: Summer 2021, Winter 2022, Spring 2023

Applied Econometrics I: Spring 2022

Money and Banking: Fall 2021

Intermediate Economics I: Fall 2022

Managerial Economics: Summer 2022

Basic Economics I: Winter 2023

Probability and Statistics in Economics I: Winter 2021, Spring 2021

Introduction to Financial Investment: Fall 2020

FELLOWSHIP AND AWARDS

Summer Research Fellowship, Department of Economics, UCI

2022-2024

Certificate of Merit for Academic Excellence

Department of Economics, IIT Kanpur

2014-2016

TECHNICAL SKILLS

Programming Languages: C, R, Python, L^AT_EX

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

POSITIONS OF RESPONSIBILITY

Assistant Coordinator

Institute Counselling Service, IIT Kanpur

2014 - 2015

Academic Mentor and Student Guide

Institute Counselling Service, IIT Kanpur

2013 - 2014