

RAJVEER JAT

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FIELDS OF INTEREST

Theory: Econometric Theory (High-Dimensions, Causal Inference, Non-parametric) & Machine Learning.

Applications: Industrial Organization, Empirical Macro, Finance, Development.

PEER-REVIWED PUBLICATION

1. “The agricultural productivity gap: Informality matters”, **Journal of Development Economics**, Volume 178, 2026, 103617, Link with Bharat Ramaswami.

WORKING PAPERS

Sufficient Instruments Filter

[Draft]

[Accepted for the regular session talk in the 2025 California Econometrics Conference.]

Kernel Three Pass Regression Filter

[Paper]

with Daanish Padha

[R & R in the Journal of Applied Econometrics.]

EDUCATION

University of California (UC), Riverside

PhD in Economics

June’25

Indian Statistical Institute (ISI), Delhi

MS in Quantitative Economics

May’19

Indian Institute of Technology (IIT), Roorkee

B. Tech. in *Electrical Engineering*

May’16

CONFERENCE AND INVITED SEMINAR PRESENTATIONS

- 35th Annual Midwest Econometrics Group Conference, UIUC, IL, USA. Oct 2025
- The 2025 California Econometrics Conference, BC, Canada. Sep 2025
- Indian Statistical Institute, Delhi Center, India. Aug 2025
- Indian Institute of Technology, Delhi, India. Aug 2025
- The 13th World Congress of the Econometric Society, Seoul, South Korea. Aug 2025
- The 2025 International Association for Applied Econometrics Conference (Turin, Italy) June 2025
- University of Guelph, Ontario, Canada. May 2025
- Southern Illinois University Carbondale, Illinois, USA. Jan 2025
- Gettysburg College, Pennsylvania, USA. Jan 2025
- European Winter Meeting of the Econometric Society, Palma de Mallorca, Spain. Dec 2024
- 19th Annual Conference on Economic Growth and Development, Indian Statistical Institute. Dec 2024
- 34th Annual Midwest Econometrics Group Conference, Lexington, KY, USA. Nov 2024
- Dept. of Economics, University of California, Riverside, CA, USA. Oct 2024
- The 2024 California Econometrics Conference, CA, USA. Sep 2024

FELLOWSHIPS, HONORS, AND AWARDS

- Fellowship worth USD 2000 for being in the top 10% of the papers accepted in 13th World Congress of Econometric Society (held every 5 years). 2025
- Earle C. Anthony Graduate Student Travel Award worth USD 1950 by UC Riverside. 2025
- Best paper award in the Graduate Student Symposium by UC Riverside. 2025
- Outstanding Teaching Assistant Award by UC Riverside. 2025
- Appointed to Lead University’s Graduate Quantitative Methods Center by Graduate Division (UCR) 2024

- Conference Travel Grant Award, Graduate Division, University of California, Riverside 2025, 2024, 2022
- Dean's Distinguished Fellowship, University of California Riverside 2020
- Book Prize Award for Exceptional Academic Performance, Indian Statistical Institute 2018, 2019
- Junior Research Fellowship (JRF) for scoring 99.99 percentile, University Grant Commission, India. 2019
- Graduate Fellowship at Indian Statistical Institute 2018, 2019
- Merit-cum-Means Scholarship, Indian Institute of Technology, Roorkee 2013, 2014, 2015, 2016

TEACHING

Lead, Graduate Quantitative Methods Center, UC Riverside

- Basic Quantitative Methods for Finance (for MBA, Masters in Finance, MS in Financial Analytics) Fall 2024
- High-dimensional Statistics: Making Sense of Big Data (for PhDs and MS students) Fall 2024
- Non-parametric Regressions: Inferences and Implementation in R (for PhDs and MS students) Winter 2025
- Macroeconomics and Time Series Econometrics (for Grad students) Winter 2025
- Causal Inference Techniques (for Grad students) Winter 2025

Instructor, Dept. of Economics, UC Riverside

- Economic Development: Theory and Policy (Applications in Python, [Syllabus]) Summer 2024 [Reviews]
- Environmental Economics with Applications in R. ([Syllabus]) Summer 2023 [Reviews]

Teaching Assistant, Dept. of Economics, UC Riverside

- Econometric Theory III (Graduate level, [Syllabus]) Spring 2024 [Reviews]
- The Stock Market Fall 2021 [Reviews], Spring 2023 [Reviews], Fall 2023 [Reviews]
- Statistics for Economics Fall 2022 [Reviews], Winter 2024 [Reviews]
- Intermediate Microeconomics Summer 2022 [Reviews]
- Introductory Econometrics I Winter 2023 [Reviews]
- Introduction to Macroeconomics Winter 2022 [Reviews]
- Introduction to Microeconomics Spring 2022 [Reviews]

PROFESSIONAL EXPERIENCE

PhD Econometrician, GradQuant, Western Digital, San Jose Jun'25 - Present

- Solving business problems pertaining to structural modeling of pricing decisions and forecasting.

Head, GradQuant, University of California Riverside Jul'24 - Jun'25

- Led the center for quantitative methods for grad students and post-doc researchers at UC Riverside.

Quant Consultant, Research Triangle Institute (RTI) International Jul'21 - Sep'21

- Developed statistical models for future cash flow streams to help \$10 million investment decision problem.

Quant Research Intern, KPMG Jan'20 - Aug'20

- Solved an expected revenue estimation problem using a constrained optimization framework in Python.

Quant Consultant, Asian Infrastructure Investment Bank (AIIB) Nov'19 to May'21

- Developed mathematical models to guide the statistical pursuit of optimal solutions to investment problems.

C++ Software Engineer, HCL Technologies India Oct'16-Jul'17

- Using object-oriented programming, developed software solutions for business problems.

LEADERSHIP POSITIONS

- Head, Graduate Quantitative Methods Center at UC Riverside 2024-2025
- General Secretary (Finance), Student Government Body, IIT Roorkee 2014-2015
- Class Representative of 2012-2016 Batch of B.Tech. in Electrical Engineering, IIT Roorkee 2012-2015

REFERENCES

Name	Affiliation	Email	Ref. Type
Prof. Tae-Hwy Lee	UC Riverside	taelee@ucr.edu	Research
Prof. Marcelle Chauvet	UC Riverside	chauvet@ucr.edu	Research
Prof. Bharat Ramaswami	Ashoka University	bharat.ramaswami@ashoka.edu.in	Research
Dr. Ruoyao Shi	UC Riverside	ruoyao.shi@ucr.edu	Research
Dr. Silviu Velovici	UC Riverside	silviu.velovici@ucr.edu	Teaching