RAJVEER JAT

E-mail: rjat001@ucr.edu ⋄ Website: https://rajveerjat.com/ ⋄ San Jose, CA

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* <u>*Journal of Applied Econometrics.*</u>]

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, Western Digital, San Jose   Jun'25 - Present
-Solving business problems on 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