Shekhar Mittal

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EDUCATION

University of California, Los Angeles, Anderson School of Management   SEPTEMBER 2013 – CURRENT
Ph.D., Global Economics and Management
Areas of Interest: Development, India, Public Finance.
Awards: Dissertation Year Fellowship (2017-18), UCLA Graduate Division

University of Chicago, Harris School of Public Policy   SEPTEMBER 2011 – JUNE 2013
Awards: Dean's Scholarship (2011-2013), J.N. Tata Scholar (2011), K.C. Mahindra Scholar (2011)

Delhi University, Delhi College of Engineering, New Delhi, India   AUGUST 2003 – JUNE 2007
Bachelor of Engineering in *Computer Engineering*, *First Division*

RESEARCH IN PROGRESS

Enforcement in Value Added Tax: Is Third Party Verification Effective?   MAY 2015 ONWARDS
with Aprajit Mahajan

Who's Bogus? Using Machine Learning to Identify Fraudulent Firms in Delhi   JANUARY 2017 ONWARDS
with Aprajit Mahajan, Ofir Reich

OTHER RESEARCH EXPERIENCE

Graduate Research Assistant to Professor Romain Wacziarg   SUMMER 2013, SUMMER 2015
Anderson School of Management, University of California, Los Angeles
Cultural distances using World Values Survey

- Developed multiple indices to measure cultural distance across countries, using the World Values Survey data.
- Measured the correlation between cultural and genetic distance across countries.

Graduate Research Assistant to Professor Paola Giuliano   SUMMER 2015
Anderson School of Management, University of California, Los Angeles

Graduate Research Assistant to Professor Edward Leamer   JULY 2013 – SEPTEMBER 2013
Anderson School of Management, University of California, Los Angeles
Estimated extreme coefficients of 2^k regressions

- Implemented possible methods to efficiently determine extreme coefficients of 2^k regressions.
- Developed efficient techniques to identify all the orthants of 2^k regression coefficients.

Graduate Research Assistant to Professor Marianne Bertrand   APRIL 2012 – JUNE 2013
Booth School of Business, University of Chicago
Evaluation of Right to Public Service Schemes

- Travelled to Karnataka to understand the design and implementation of the Right to Public Services Act. Interacted with all the government level stakeholders and visited various government offices.
- Developed and piloted a survey questionnaire which captured the experience and perception of citizens who availed the services that are covered under the Act.
- Undertook a field trip to Bihar, India to understand the time-use of district magistrates and to understand the bureaucratic setup at the district level.

Graduate Research Assistant to Professor Pablo Montagnes   APRIL 2012 – DECEMBER 2012

Harris School of Public Policy, University of Chicago

Effect of name order in senate roll call voting pattern.

- Using combined fixed effects at the senator level and at the congress level, evaluated the impact of alphabetical order of the senators' last names on Senate roll call.
- Wrote Perl scripts to extract senate and house roll-call data starting from 1940 into a analyzable data set.

Graduate Research Assistant to Professor Pablo Montagnes   JANUARY 2012 – MARCH 2012

Harris School of Public Policy, University of Chicago

Understanding voting patterns for simultaneous elections in a given year at the precinct level

- Designed a Stata program that extracts information from the Cook County precinct level election results into a user-friendly data set.
- Wrote Stata programs to clean and analyze data.

Graduate Research Assistant to A. Rupa Datta, Vice President and Senior Fellow   OCTOBER 2011 – MARCH 2012

National Opinion Research Centre at the University of Chicago

National Survey of Early Care and Education

- Managed the IRB approval process for all the school districts from which the survey intended to interview early care providers.

GRANTS

- Economic Development and Institutions (EDI) consortium (£22,000). Project: "Who is Bogus? Catching fraudulent firms in Delhi"
- International Growth Centre (IGC) Research Grant (£50,830). Project: "Where's Value? Using VAT data to Improve Compliance"
- Abdul Latif Jameel Poverty Action Lab (J-PAL) Governance Initiative Pilot Study Research Grant ($49,050). Project: "Information Provision and Participatory Budgeting: Mohalla Sabhas in Delhi"
- Abdul Latif Jameel Poverty Action Lab (J-PAL) Governance Initiative Travel Grant ($5,000). Project: "Improving Public Service via the Ballot Box: Evidence from Delhi"

PRESENTATIONS

2017: Dept of Finance (Govt of NCT of Delhi), Office of Chief Economic Advisor (Govt of India); GEM-BPP Workshop; UCLA Graduate Conference on South Asia; RIDGE Public Economics (Uruguay);
2016: Dept of Finance (Govt of NCT of Delhi); Graduate Student Brownbag (UC-Riverside);

INVITED WORKSHOPS

2016: Becker Friedman Summer School in Price Theory (University of Chicago)

TEACHING

UCLA Anderson: Teaching Assistant - Managerial Economics (MBA, 2014-2015, 2015-2016, 2016-17), International Studies: India (MBA, 2015-16), and Impact Creation, Analysis and Evaluation (MBA, 2016-17).

PROFESSIONAL EXPERIENCE

Senior Campaign Associate, *Centre for Civil Society*, New Delhi, India   JULY 2010 – JUNE 2011
Program Manager and Platform Engineer, *Praja*, Bangalore, India   AUGUST 2009 – JUNE 2010
Software Engineer, *Cisco Systems*, Bangalore, India   JULY 2007 – JULY 2009

SKILLS

Highly Proficient: Stata, Drupal, C, Emacs, Linux (Ubuntu)
Proficient: MySQL, R, Python
Experienced: Matlab, Latex, Perl, HTML, CSS
Certifications: Machine Learning Foundations: A Case Study Approach (Coursera), Machine Learning:

Regression (Coursera), Machine Learning: Classification (Coursera), Machine Learning: Clustering & Retrieval (Coursera),

Personal

Citizenship: Indian
Languages: Hindi (native), English (highly proficient)

References

- **Romain Wacziarg, Professor of Economics**
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  Los Angeles, CA - 90095-1481
  wacziarg@ucla.edu

- **Aprajit Mahajan, Associate Professor**
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  219 Giannini Hall
  Berkeley, CA 94720-3310
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