

SAYANTANI SATPATHI

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Summary

I am skilled at the application of Information Visualization for exploring Public Policy questions. Self-motivated, high-energy and result-oriented Doctoral Student with solid record of success in conducting research through the application of Qualitative and Quantitative tools.

Objective:

Interested in application of new visualization techniques for exploring multi-dimensional data, and address the issue of temporal uncertainty in fuzzy datasets.

Education

2014: 3rd Year PhD student in Political Science, Dept. of Political Science, University of Oklahoma, Norman, USA. Current GPA: 3.53.

2006-2009: PhD student in Political Science, Kent State University, Ohio, USA. GPA: 3.4

2005-2006: MPhil in International Relations, Jadavpur University. GPA: 4.0

2002-2004: Masters in Political Science, University of Calcutta, Kolkata, India. GPA: 3.75

1999-2002: Bachelors in Political Science, Presidency College, Kolkata, India. GPA: 3.8

Experience

Relevant Work Experiences:

Project Associate, CSSI

Jan 2004-July 2006

- Administering grant programs funded by Amnesty International, Oxfam and World Bank.
- Conducting original research and data analysis; conducting surveys.
- Technical assistance, including updating website, training manuals, on-site training for volunteers.
- Writing grant proposals, reports and weekly newsletter.

Language: English, Bengali (Fluency in Listening, Speaking, Reading and Writing); Hindi (Fluency in Listening and Speaking).

Graduate Student Experiences:

Research Assistant, University of Oklahoma

Feb 2012-Continuing

- Database Management for Manuscript Division; Manage data collection and data analysis on Special Collection (Western History Collection); Conduct research on policies/procedures for Digital Archives and Special Collections within US Universities.
- Conducting Automated Content Analysis through the application of Stanford NLP.
- Developing new benchmark and techniques for analyzing Multi-dimensional Qualitative Data.
- Applying the IMPROVISE based on open-source Java platform, to analyze multi-dimensional datasets.

- Establishing research collaborations with Humanities Scholarship, including the Department of Library and Information Science, Department of Journalism and History of Science, for demonstrating the application of new visualization techniques across Humanities and Social Science fields.
- Conducting research and data analysis for the ICFS Project, with Thomas Landers, Dean of the College of Engineering and Sridhar Radhakrishnan, Professor and Director, Department of Computer Science Engineering, University of Oklahoma.

Teaching Assistant, University of Oklahoma

Aug 2010-Jan 2012

- Instructor for Introduction to the American Government (PSC-1113)-Fall'2012
- Teaching Assistant for Introduction to the American Government (PSC-1113)-Fall'2010; Spring, 2011

Research Assistant, Kent State University

Aug 2006-May 2010

- Contributed original research, qualitative and quantitative data analysis, writing reports and articles for projects funded by the Environmental Protection Agency, Department of Energy, Funds for Economic Future and North East Ohio Mayor's Think Tank.
- Editing manuscripts and data analysis for the book entitled, "Water Pollution Policies and the American States: Runaway Bureaucracies or Congressional Control?" (Published by State University of New York, 2011).

Additional Skills:

- Presentation, Writing, and Editing Skills (APA, MLA, Chicago Style)
- SPSS, STATA, R.