Abhraneel Sarma

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Website: https://abhsarma.github.io

Research Interests

I am interested in studying how people interpret visualizations, and how visualizations can be used for improving statistical analysis or reporting statistical results.

Education

2019 – *present*
PhD, Computer Science, Northwestern University
Advisor: Jessica Hullman

2016 – 2018
Master of Science, Information, University of Michigan
HCI and Data Science specialization
Advisor: Matthew Kay
Thesis: Tell don't just show: Narratives improve recall more than interactivity for communicative visualizations

2012 – 2016
Bachelors in Design, Indian Institute of Technology Guwahati
Minor in Mechanical Engineering

Work Experience

2016 – 2019
Graduate Research Assistant (*full time researcher, May 2018 onwards*)
MUCollective, University of Michigan

2017
User Experience Intern
Office of Academic Innovation, University of Michigan

2015
Research Intern
Keio-NUS CUTE Center, National University of Signapore

Publications

Conference publications

2018
Increasing the Transparency of Research Papers with Explorable Multiverse Analyses
Pierre Dragicevic, Yvonne Jansen, *Abhraneel Sarma*, Matthew Kay, and Fanny

Chevalier
CHI 2019: Conference on Human Factors in Computing Systems

Teaching

FA 2017 **Graduate Student Instructor,** *SI588 Fundamentals of Human Behavior*
University of Michigan School of Information

WN 2018 **Graduate Student Instructor,** *SI330 Data Manipulation in Python*
University of Michigan School of Information

Service

Student Volunteer, IEEE VIS 2018, Berlin, Germany
Student Volunteer, IEEE VIS 2017, Phoenix, AZ, USA

Grants

MSI Travel Grant, University of Michigan School of Information for CHI 2017
MSI Research Funding, University of Michigan School of Information for data collection for Master's Thesis

Relevant Coursework

SI 649: Information Visualization
STATS 500: Linear Regression
BIOSTATS 682: Applied Bayesian Statistics
SI 630: Natural Language Processing
SI 618: Data Manipulation and Analysis

Skills

Technical Skills
R, JavaScript, Python, SQL, C/C++ and Latex