Aditya Karanam

UT Austin, McCombs School of Business
Information, Risk & Operations Management
Austin, TX, USA

(+1) 512-665-7479
aditya.karanam@mccombs.utexas.edu
askaranam.github.io

Education

The University of Texas at Austin, McCombs School of Business
Ph.D.   Information Systems   2016-2021 (Expected)

The University of Texas at Austin
M.S.   Economics (*Field*: Econometrics)   2020

Birla Institute of Technology & Science (BITS) - Pilani
M.Sc.(Tech.)   Information Technology   2010-2014
Thesis: Content Based Medical Image Classification

Research Interests

AI-Based Design; Social Network Analysis; Development of deep learning methodologies to derive economic impacts from unstructured data (text, images, & videos);

Research

Manuscripts Under Revision

1. ***Aditya Karanam***, Ashish Agarwal, & Anitesh Barua. Designing for Visibility: The Case of Mobile Apps *Under 3rd round review at* **Information Systems Research** (link)

2. ***Aditya Karanam***, Deepa Mani, & Rajib Saha Comovement in Technology Partnerships *Under 2nd round review at* **Management Science** (link)

3. ***Aditya Karanam***, Deepa Mani, & Rajib Saha. Ties that Bind: A Network Approach to Assessing Technology Spillovers from the ICT Industry and their Impact on R&D *Under review at* **Information Systems Research** (link)

    Featured in: Forbes, ISB Insight.

4. ***Aditya Karanam***, Ashish Agarwal, & Anitesh Barua. Machine Learning Based Product Design: The Case of Mobile Apps *Target: Management Science* (Job Market Paper - link)

Manuscripts in Preparation

1. ***Aditya Karanam***, Ashish Agarwal, & Anitesh Barua. Extracting Suggestion Features from Noisy User Generated Content

    Best Paper Nomination at Workshop in Information Technology and Systems , 2020
2. ***Aditya Karanam*** & Ashish Agarwal. Collusion of Deep Reinforcement Learning Algorithms in First Price Auctions

Programming Skills

Programming Languages: Python (intermediate), C (intermediate), Java (beginner)
Econometrics: R (intermediate), STATA (intermediate), SAS (intermediate), MATLAB (beginner)
Big Data & Machine Learning: SQL, MongoDB, Hadoop, Python (Tensorflow, PyTorch, Scikit-Learn, Numpy, Pandas, etc.)

Teaching Experience

Instructor
UT Austin, McCombs School of Business

MIS 301 Introduction to Information Management (undergraduate core course)	Fall, 2019
Instructor Evaluation	4.7/5.0

Nominated for the Fred Moore Teaching Excellence Award

Teaching Assistant
UT, Austin, McCombs School of Business

MSBA User Generated Content Analysis	Fall 2016, Fall 2017
MSBA Social Media & Network Analytics	Spring 2017
STA 301 Introduction to Data Science	Fall 2020

Employment

Indian School of Business, Hyderabad, TS, India.
Research Associate, Srini Raju Center for IT & Networked Economy 07/2014-07/2016

Indian Statistical Institute, Kolkata, India.
Research Assistant, Biomedical Imaging & Bioinformatics Lab 01/2014 – 06/2014

Indian Statistical Institute, Kolkata, India.
Summer Research Fellow, Machine Intelligence Unit 05/2013 – 07/2013

Awards & Fellowships

1. **McCombs Research Excellence Grant of USD 10,000** .	2021
2. **Best Paper Nomination**.	WITS, 2020
3. **Nominate for Fred Moore Teaching Excellence Award**.	2020
4. **McCombs Dean's Fellowship**.	2016-2020
5. **Indian Academy of Sciences**, Summer Research Fellowship.	2013
6. **Merit Cum Need Scholarship**, BITS, Pilani.	2010-2014

Refereed Conference Proceeding and Presentations

1. Aditya Karanam, Ashish Agarwal and Anitesh Barua. (2020), "Extracting Suggestion Features from Noisy User Generated Content", **Workshop in Information Technology and Systems (Best Paper Nomination)**.

2. Aditya Karanam, Ashish Agarwal and Anitesh Barua. (2020), "Designing New App Features: Imitate, Innovate or Follow the Crowd", **Sixteenth Symposium on Statistical Challenges in eCommerce Research**, Spain, June 18-19.

3. Aditya Karanam, Ashish Agarwal and Anitesh Barua. (2019), "Extracting Information from User Generated Content based on Named Entity Recognition Techniques", **Statistical Challenges in eCommerce Research**, Hong Kong, June 14-16.

4. Aditya Karanam, Ashish Agarwal and Anitesh Barua (2018), "Designing for Visibility and Sharing: The Case of Mobile Apps", **International Conference on Information Systems Proceedings**, Paper 23.

5. Aditya Karanam, Ashish Agarwal and Anitesh Barua (2018), "Designing for Visibility: The Case of Mobile Apps", **Statistical Challenges in eCommerce Research**, Rotterdam, June 10-12.

6. Aditya Karanam, Ashish Agarwal and Anitesh Barua (2017), "Designing for Visibility: The Case of Mobile Apps", **Workshop in Information Systems and Economics**, Seoul, December 12-14.

SERVICE TO PROFESSION

1. Reviewer

   (a) Management Science   Since 2019
   (b) Management Information Systems Quarterly (MISQ)   Since 2019
   (c) International Conference on Information Systems (ICIS)   Since 2020

2. Organizing and/or Chairing Sessions

   (a) 31st International Conference on Information Systems (ICIS), SFO, Cal, USA.   12/2018
       Session Chair: Social Media and Digital Collaboration

REFERENCES

Anitesh Barua
David Bruton Jr. -
Centennial Chair Professor
McCombs School of Business
UT Austin
aniteshb@gmail.com

Ashish Agarwal
Associate Professor
Information Systems
McCombs School of Business
UT Austin
ashish.agarwal@mccombs.utexas.edu

Deepa Mani
Professor, Information Systems
Executive Director, SRITNE
Indian School of Business
Hyderabad
deepa_mani@isb.edu

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