




# ADITYA KARANAM

Department of Information Systems and Analytics  
School of Computing  
National University of Singapore

(+65) 96617679   
karanam@nus.edu.sg   
askaranam.github.io 

## EMPLOYMENT

**National University of Singapore**, Singapore.

Assistant Professor, Dept. of Information Systems and Analytics 12/2021- (present)

**Indian School of Business**, Hyderabad, TS, India.

Research Associate, Srinu 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

## EDUCATION

**The University of Texas at Austin, McCombs School of Business**

Ph.D. Information Systems 2016-2021

**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

### Journal Publications

1. **Aditya Karanam**, Deepa Mani, & Rajib Saha. Technological Relatedness to the ICT Industry and Its Impacts (*Forthcoming at Information Systems Research*) ([link](#))  
Featured in: [Forbes](#), [ISB Insight](#).
2. **Aditya Karanam**, Ashish Agarwal, & Anitesh Barua (2022), Design for Social Sharing: The Case of Mobile Apps *Information Systems Research*, 34(2):721-743.

### Manuscripts Under Revision/Preparation

1. **Aditya Karanam**, Ashish Agarwal, & Anitesh Barua. Follow Your Hear or Listen to Users? The Case of Mobile App Design (2<sup>nd</sup> round revision *Information Systems Research*) ([link](#))  
[Kauffman Best Student Paper Nomination](#) at ICIS, 2021

2. **Aditya Karanam**, Deepa Mani, & Rajib Saha Comovement in Technology Partnerships *Preparing for SMJ* ([link](#))
3. **Aditya Karanam**, Ashish Agarwal, & Anitesh Barua. Extracting Suggestion Features from Noisy User Generated Content Using BERT

**Best Paper Nomination** at Workshop in Information Technology and Systems , 2020

## Refereed Conference Proceedings

1. Aditya Karanam, Ashish Agarwal and Anitesh Barua (2021), "Machine Learning Based Product Design: The Case of Mobile Apps", **International Conference on Information Systems Proceedings**, Austin, Tx (**Kauffman Best Student Paper Nomination**).
2. Aditya Karanam, Ashish Agarwal and Anitesh Barua. (2020), "Extracting Suggestion Features from Noisy User Generated Content Using BERT", **Workshop in Information Technology and Systems (Best Paper Nomination)**.
3. Aditya Karanam, Ashish Agarwal and Anitesh Barua (2018), "Designing for Visibility and Sharing: The Case of Mobile Apps", **International Conference on Information Systems Proceedings**.

## Refereed Workshops

1. Aditya Karanam, Deepa Mani and Rajib Saha. (2023), "Comovement in Strategic Technology Partnerships", **Workshop in Information Systems and Economics** Hyd., India, Dec. 13-14.
2. Eugene Lim and Aditya Karanam (2023), "Artificial Intelligence, Collusion and Auctions", **AAAI Summer Symposium on AI4FinTech**, Singapore, July 18-19.
3. Aditya Karanam, Ashish Agarwal and Anitesh Barua. (2022), "Follow Your Heart or Listen to Users? The Case of Mobile App Design", **Sixteenth Symposium on Statistical Challenges in eCommerce Research**, Spain, June 18-19.
4. Aditya Karanam, Ashish Agarwal and Anitesh Barua. (2020), "Extracting Suggestion Features from Noisy User Generated Content Using BERT", **Workshop in Information Technology and Systems (Best Paper Nomination)**.
5. 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**, Virtual.
6. 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.
7. 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.
8. 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.

## AWARDS & FELLOWSHIPS

- |   |      |
|---|------|
| 1. <b>Ministry of Education (MoE) Tier-1 Grant</b> , Singapore 250,000 SGD (185K USD) | 2024 |
| 2. <b>NUS Start-Up Research Grant of 180,000 SGD (130K USD)</b>                       | 2022 |

- |  |            |
|--|------------|
| 3. <b>Kauffman Best Student Paper Nomination</b>                 | ICIS, 2021 |
| 4. <b>McCombs Research Excellence Grant of 10,000 USD</b>        | 2021       |
| 5. <b>Best Paper Nomination</b>                                  | WITS, 2020 |
| 6. <b>Nominated for Fred Moore Teaching Excellence Award</b>     | 2020       |
| 7. <b>McCombs Dean's Fellowship</b>                              | 2016-2020  |
| 8. <b>Indian Academy of Sciences, Summer Research Fellowship</b> | 2013       |

## RESEARCH TALKS

---

### Invited Seminars/Conference Presentations

- |  |         |
|--|---------|
| 1. Conference on Digital Transformation by USC, Delhi, India.                      | 10/2023 |
| 2. Centre for Software & Information Technology Management, IIM, Bangalore, India. | 11/2022 |
| 3. National University of Singapore, Singapore                                     | 05/2021 |
| 4. Center for Analytics and Transformative Technologies, UT Austin                 | 03/2021 |
| 5. W.P. Carey School of Business, Arizona State University                         | 02/2021 |
| 6. David Eccles School of Business, The University of Utah                         | 02/2021 |
| 7. Mays Business School, Texas A&M University                                      | 01/2021 |

## SERVICE TO PROFESSION

---

- |   |                      |
|---|----------------------|
| 1. Reviewer   |                      |
| (a) Management Science  | Since 2019           |
| (b) Information Systems Research  | Since 2020           |
| (c) Management Information Systems Quarterly (MISQ)   | Since 2019           |
| (d) International Conference on Information Systems (ICIS)                                  | Since 2020           |
| (e) Conference on Information Systems and Technology (CIST)                                 | Since 2021           |
| 2. Organizing and/or Chairing Sessions and/or Discussants                                   |                      |
| (a) 31 <sup>st</sup> International Conference on Information Systems (ICIS), SFO, Cal, USA. | 12/2018              |
| <i>Session Chair:</i> Social Media and Digital Collaboration                                |                      |
| (b) Program Committee Member  | CIST 2022, CIST 2023 |
| (c) Session Chair & Discussant  | WISE 2023            |