




ADITYA KARANAM

Department of Information Systems and Analytics
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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 (2nd 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. Ministry of Education (MoE) Tier-1 Grant , Singapore 250,000 SGD (185K USD) | 2024 |
| 2. NUS Start-Up Research Grant of 180,000 SGD (130K USD) | 2022 |

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

RESEARCH TALKS

Invited Seminars/Conference Presentations

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| 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

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|---|----------------------|
| 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 st 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) Discussant | WISE 2023 |