Contact information

First Name: Shizhen

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PhD candidate in ISOM, Goizueta Business School

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Digital Economics & AI Related Graduate Study Pursued

ISYE 6761 A Stochastic Processes I (GaTech)

ISYE 6762 Stochastic Processes II (GaTech)

ISYE 6740 Computational Data Analysis (GaTech)

ISYE 6661 A Linear Optimization (GaTech)

ISOM 750 Research Seminar in Info Sys I (Emory)

MATH 550 Functional Analysis (Emory)

INFO 534 Applied Machine Learning (Emory)

BA 911 Convex Optimization (Duke)

STA 715 Stochastic Models (Duke)

STA 623 Statistical Decision Theory (Duke)

MATH 561 Numerical Linear Algebra (Duke)

Year of PhD enrollment: 2020

- Research

- Research Interest:
  My research primarily focuses on the dynamics and success factors of collective action projects within online communities. I am particularly interested in how different influence structures—hierarchical versus flat—affect participation, especially among latent users who may sense and respond to threats differently than active members. This approach challenges traditional views by integrating the fluid boundaries of online communities and the interplay between technology and institutional influences. Additionally, my work explores the role of competitive environments in determining the

most effective organizational structures for action-mobilization projects. Furthermore, I investigate how perceived conflicts within these communities can paradoxically foster collaboration and drive the success of collective actions. This research not only advances theoretical understandings of online community dynamics but also offers practical insights for community leaders and campaign organizers to enhance participation and project success.

- Projects:
    - Organizing for collective action projects: An analysis of the r/place event. Status: Completed.
    - Lasting effect of the social Event participation. Status: In-work (preliminary analysis finished).
- Dissertation Title:
  Virtual Mobilization and Conflicts: The Role of Structural Influences and Conflicts in Shaping Online Community Collaboration and Engagement
- Committee Members:
    - Chan, Tian (tian.chan@emory.edu)
    - Bharadwaj, Anandhi (abharad@emory.edu)
    - Kane, Gerald (gerald.kane@uga.edu)
    - Koçak, Özgecan (ozgecan.kocak@emory.edu)