

Kaige (Mia) Gao

Weatherhead School of Management, Case Western Reserve University
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Education

- **Case Western Reserve University, USA** Aug 2019 – Present
Ph.D., Information System
- **University of Maryland, USA** Aug 2017 – Dec 2018
M.A., Business Analytics
- **Sun Yat-sen University, China** Sep 2013 – Jun 2017
B.A., Finance

Research Interests

- Substantive: Digital Innovations, Open-source Community
- Methodological: Network Analysis, Machine Learning, Deep Learning, Econometrics
- Programming/Statistics Languages: Python, R, SAS, SQL

Research Work

- Kaige Gao, Youngjin Yoo, and Aaron Schechter. Beyond tie strength: The effect of tie variability on project development in the OSS community, Major Revision at *Information System Research*
- Kaige Gao, Dongyeob Kim, Yoon Son and Youngjin Yoo. From Code to Road: Examining the Role of AI Keywords' Network Embeddedness in Shaping Patent Innovations in the Autonomous Vehicle Industry, manuscript in preparation for *Strategic Management Journal* (submission expected in Sep 2024)
- Kaige Gao, Youngjin Yoo and Aaron Schechter. Unraveling the Impact of Model Dependency Networks on the Propagation of Artificial Intelligence Innovation

Conferences and Presentations

- 2024 The Annual Meeting of the Academy of Management (AOM), Chicago, USA
- 2023 International Conference on Information Systems (ICIS), Hyderabad, India
- 2021 International Conference on Information Systems (ICIS), Austin, USA

Teaching Experience

- **Instructor**, Weatherhead School of Management, Case Western Reserve University
– Advanced Marketing Analytics (Graduate Course), Spring 2023
- **Teaching Assistant**, Weatherhead School of Management, Case Western Reserve University

- Advanced Marketing Analytics (Graduate Course), Spring 2022
- **Teaching Assistant**, Robert H. Smith School of Business, University of Maryland
 - Essential Data Skills for Business Analytics (Undergraduate Course), Spring 2019
 - Special topics in Decision, operations, and information technologies in Data Process (Graduate Course), Spring 2019
 - Emerging Topics in Information Systems Data Visualization and Web Analytics (Undergraduate Course), Spring 2019
 - Decision Modeling (MBA Course), Summer 2018

Awards and Honors

- AOM Research Method Doctoral Consortium, 2024
- AMCIS Doctoral Consortium, 2024
- AOM CTO Doctoral Consortium, 2022
- Third-Class Scholarship for Outstanding Student(Top 15%), SYSU, 2014

Reviewer Experience

- 2024 International Conference on Information Systems (ICIS), Bangkok, Thailand
- 2024 Academy of Management (AOM), Chicago, USA
- 2023 Academy of Management (AOM), Boston, USA
- 2023 International Conference on Information Systems (ICIS), Hyderabad, India

Doctoral Coursework

Statistics

- | | |
|---|--------------------|
| • Research Methods I | Corinne Coen |
| • Adv Stats: Linear Models | Christopher Burant |
| • Adv Stats: Multivariate Analysis | Christopher Burant |
| • Multivariate Data Analysis | Melissa Cooper |
| • Measurement Theory and Method | Jagdip Singh |
| • Convex Optimization for Engineering (Audit) | Vira Chankong |

Information System

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| • Applied Graph Theory | Harold Connamacher |
| • Bioinformatics for Systems Biology | Mehmet Koyuturk |
| • Theoretical Persp in Management | Richard Boland |
| • Seminar in MIDS: Introduction to Philosophy of Science | Richard Boland |

- Design Theory Kalle Lyytinen
- Theoretical Perspective on Management Jagdip Singh
- Special Topics in MIS Youngjin Yoo
- Leading Digital Innovations by Design Youngjin Yoo
- Seminar in DESN Satish Nambisan

References

Youngjin Yoo

Associate Dean of Research
Professor of Design & Innovation
Case Western Reserve University
yxy23@case.edu

Aaron Schecter

Assistant Professor
University of Georgia
aschecter@uga.edu

Kalle Lyytinen

Chair, Department of Design & Innovation
Distinguished University Professor
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Yoonseock Son

Assistant Professor
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