



Johan Ugander

Associate Professor of Management Science and Engineering

CONTACT INFORMATION

- **Administrator**

Jenny Lam - Administrative Associate

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Tel 605-725-0550

Bio

BIO

Professor Ugander's research develops algorithmic and statistical frameworks for analyzing social networks, social systems, and other large-scale data-rich contexts. He is particularly interested in the challenges of causal inference and experimentation in these complex domains. His work commonly falls at the intersections of graph theory, machine learning, statistics, optimization, and algorithm design.

ACADEMIC APPOINTMENTS

- Associate Professor, Management Science and Engineering
- Member, Institute for Computational and Mathematical Engineering (ICME)

HONORS AND AWARDS

- NSF CAREER Award, National Science Foundation (2022)
- Outstanding Problem-Solution Paper Award, AAAI Conference on Web and Social Media (ICWSM) (2021)
- Best Paper Award, AAAI Conference on Web and Social Media (ICWSM) (2020)
- Faculty Teaching Award, ICME, Stanford (2020)
- ARO Young Investigator Award, Army Research Office (2019)
- Hellman Faculty Fellow, Stanford University (2019)
- Eugene L. Grant Undergraduate Teaching Award, Management Science & Engineering, Stanford (2016)
- Faculty Award, Facebook (2016)
- Best Student Paper Award, ACM Conference on Web Search and Data Mining (WSDM) (2013)
- Best Paper Award, ACM International Conference on Web Science (WebSci) (2012)

PROGRAM AFFILIATIONS

- Symbolic Systems Program

PROFESSIONAL EDUCATION

- PhD, Cornell University, Applied Mathematics (2014)

LINKS

- <http://web.stanford.edu/~jugander/>: <http://web.stanford.edu/~jugander/>

Teaching

COURSES

2023-24

- Networks: MS&E 135 (Win)
- Social Algorithms: MS&E 231 (Aut)
- Topics in Social Data: MS&E 334 (Spr)

2022-23

- Introduction to Computational Social Science: MS&E 231 (Aut)
- Networks: MS&E 135 (Win)

2021-22

- Data Privacy and Ethics: MS&E 234 (Win)
- Networks: MS&E 135 (Win)
- Topics in Social Data: MS&E 334 (Spr)

2020-21

- Data Privacy and Ethics: MS&E 234 (Win)
- Networks: MS&E 135 (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Josh Grossman, Yuchen Hu, Zhihao Jiang

Orals Chair

Chen Li

Postdoctoral Faculty Sponsor

Zhaonan Qu

Doctoral Dissertation Advisor (AC)

Izabel Aguiar, Samir Khan

Orals Evaluator

Serina Chang

Doctoral Dissertation Co-Advisor (AC)

Serina Chang

Master's Program Advisor

Yuxin Chen, Makayta Cole, Audrey Nelson, Nirali Sharad Parekh, Diane Sarkis, Luke Turner, Jiayu Wu

Doctoral (Program)

Josh Grossman, Yuchen Hu, Brian Morris