

EDUCATION

- **University of Michigan** Ann Arbor, MI
Ph.D. student in Computer Science and Engineering Sep. 2021 – Present
 - Advisor: Danai Koutra
- **University of Michigan** Ann Arbor, MI
B.S.E in Computer Science; Summa Cum Laude Sep. 2019 – May. 2021
 - Courses: Machine Learning (A+), Data Mining (A+), Introduction to Autonomous Robotics (A+), Computer Vision (A+) Conversational AI (A), Advanced Topics in Computer Vision (A)
 - Advisor: Danai Koutra, Andrew Owens
- **Shanghai Jiao Tong University** Shanghai, China
B.S.E in Electrical and Computer Engineering Sep. 2017 – Aug. 2021

PUBLICATIONS

- **Touch and Go: Learning from Human-Collected Vision and Touch**
Neural Information Processing Systems (NeurIPS 2022 Dataset and Benchmark)
Fengyu Yang, Chenyang Ma, Jiacheng Zhang, **Jing Zhu**, Wenzhen Yuan, Andrew Owens
- **CAPER: Coarsen, Align, Project, Refine - A General Multilevel Framework for Network Alignment**
International Conference on Information and Knowledge Management (CIKM 22)
Jing Zhu, Danai Koutra, Mark Heimann
- **NEGATER: Unsupervised Discovery of Negatives in Commonsense Knowledge Bases**
Empirical Methods in Natural Language Processing (EMNLP 21, acceptance rate 25.6%)
Tara Safavi, **Jing Zhu**, Danai Koutra
- **Node Proximity Is All You Need: A Unified Framework for Positional and Structural Node and Graph Embedding**
SIAM International Conference on Data Mining (SDM 21, acceptance rate 21%)
Jing Zhu*, Xingyu Lu*, Mark Heimann, Danai Koutra

RESEARCH EXPERIENCE

- **Graph Exploration and Mining at Scale Lab** Ann Arbor MI
Advisor: Danai Koutra May. 2020 – Present
- **Amazon AI Research & Education** Santa Clara, CA
Applied Scientist Internship, Mentor: Xiang Song May. 2021 – Aug. 2021
- **Lawrence Livermore National Laboratory** Remote
DSSI internship, Mentor: Mark Heimann May. 2021 – Aug. 2021
- **Owens Lab** Ann Arbor MI
Advisor: Andrew Owens Feb. 2020 – May. 2021
- **Foreseer Group** Ann Arbor MI
Advisor: Qiaozhu Mei Oct. 2019 – Apr. 2020

TEACHING EXPERIENCE

- **Data Mining**
Instructor: Fatemeh Vahedian Ann Arbor, MI
Jan. 2021 - May. 2021
- **Major Design Experience - Professionalism**
Instructor: Vijay Subramanian Ann Arbor, MI
Sep. 2020 - Dec. 2020
- **Honored Mathematics and Linear Algebra II, I**
Instructor: Horst Hohberger Shanghai, China
Sep. 2018 - Aug. 2019

SELECTED AWARDS

- **CIKM Travel Award**
SIGIR Atlanta GA
Oct. 2022
- **KDD Travel Award**
SIGKDD Washington DC
Aug. 2022
- **George and Mary Haddad Graduate Fellowship(CSE Fellowship)**
University of Michigan Ann Arbor, MI
2021-2022
- **Rackham Travel Grant**
University of Michigan Ann Arbor, MI
Nov. 2021, Oct. 2022
- **SDM Travel Award**
Society for Industrial and Applied Mathematics Alexandria, VA
Apr. 2021
- **James B. Angell Scholar**
University of Michigan Ann Arbor, MI
Mar. 2021
- **Jackson and Muriel Lum Scholarship**
University of Michigan Ann Arbor, MI
Jul. 2019
- **Academic Excellence Scholarship**
Shanghai Jiao Tong University Shanghai, China
2018,2019
- **Dean's List**
University of Michigan Ann Arbor, MI
Fall 2019, Fall 2020
- **University Honors**
University of Michigan Ann Arbor, MI
Fall 2019, Fall 2020

PROGRAMMING SKILLS

- **Programming Languages:** Python, Java, C/C++, JavaScript, Matlab
- **Framework:** Pytorch, OpenCV, Networkx, Pytorch Geometric, DGL, Transformers, Blender, Hadoop, NLTK, jQuery
- **Tools:** Git, Tmux, Screen, LaTeX, Slurm

OUTREACH

- **Google exploreCSR program**
University of Michigan Ann Arbor, MI
Jan.2021
- **CS Research Mentorship Program Scholar**
Google Ann Arbor, MI
Jan.2021
- **CRA-WP Grad Cohort for Women**
Computer Research Association New Orleans, LA
Apr.2022