Harry Shomer

428 S Shaw Ln Rm 3308
East Lansing, MI 48824
Email: shomerha@msu.edu

Homepage: https://cse.msu.edu/~shomerha/
LinkedIn: https://www.linkedin.com/in/harry-shomer/
Github: https://github.com/HarryShomer

Education

Michigan State University
PhD, Computer Science, August 2020 - Present.
Advisor: Dr. Jiliang Tang

CUNY Brooklyn College
B.S., Computer Science, 2019.
GPA: 3.85/4.0

Research

Data Science and Engineering Lab, Michigan State University
August 2020 - Present
PhD Student, Computer Science and Engineering
Research Areas: Link prediction, knowledge graph representation learning, deep learning on graphs.

Work Experience

Hearts & Science
June 2019 - August 2020
Data Engineer

Honors and Awards

NRT-Impacts Fellowship
Michigan State University, 2021-2022

Engineering Distinguished Scholar
Michigan State University, 2020-2021

Honors College
Brooklyn College, 2015-2019

Publications

Conference Papers

- **Harry Shomer**, Wei Jin, Wenato Wang, Jiliang Tang. "Toward Degree Bias in Embedding-Based Knowledge Graph Completion" WWW 2023

Preprints

- **Harry Shomer**, Wei Jin, Juanhui Li, Yao Ma, Jiliang Tang. "Learning Representations for Hyper-Relational Knowledge Graphs" arXiv 2208.14322, 2022

- Juanhui Li, **Harry Shomer**, Jiayuan Ding, Yiqi Wang, Yao Ma, Neil Shah, Jiliang Tang, Dawei Yin. "Are Graph Neural Networks Really Helpful for Knowledge Graph Completion?" arXiv 2205.10652, 2022

Workshop Papers

- Jamell Dacon, **Harry Shomer**, Shaylynn Crum-Dacon, Jiliang Tang. "Detecting Harmful Conversational Content towards LGBTQIA+ Individuals." NAACL'22: Queer in AI Workshop, 2022

Service Experience

PC Member: WSDM 2022, MLOG ICDM 2022, MLOG WSDM 2022, AI4EDU AAAI 2022
External Reviewer: KDD 2021, CIKM 2021, CIKM 2022, EMNLP 2022