



Michigan AI Symposium

RESPONSIBLE AI

October 17 | 9am-5pm

North Campus, Beyster Building 1670 & Tishman Hall



Responsible AI and Responsibility of AI

Invited Speaker | JJ Park

Abstract: The rapid evolution of AI, particularly within the realm of generative models, is reshaping multiple facets of our daily lives—from artistic creation to student assignments. This presentation delves into cutting-edge 3D generative techniques and the looming threats they pose, including the generation of fake news and misinformation through digital hallucinations. In the concluding segment, I will explore promising avenues for leveraging these generative advancements, emphasizing their potential to foster scientific and technological breakthroughs that serve humanity.



Representing Older Age and Disability in LLMs

Invited Speaker | Robin Brewer

Abstract: The rising popularity of large language models and their harms has renewed attention to whether eliminating negative LLM outcomes is possible, particularly for historically marginalized groups. One approach to LLM harm mitigation is to more closely investigate how poor data informs model outcomes. Current research focuses on gathering more data to improve representativeness. I argue that we need to go beyond data quantity and instead discuss data quality. In this talk, I will discuss my research on data representation and representativeness, advocating for more equitable ways for LLM training datasets and models to portray two marginalized identity characteristics - older age and disability. I will end with a discussion on going beyond data towards more critical and community-centered approaches that better capture machine learning goals around fairness, inclusiveness, and representativeness.