

PhD (Singapore University of Technology and Design)

Postdoc (SMART & JHU)

Tenure-Track Faculty

Humans Only or Automation Only

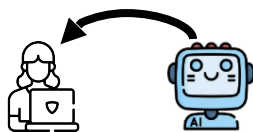


Humans Only
Humans manually perform analysis

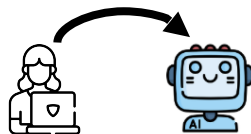


Automation Only
LDA topic modeling

Integrating AI into human workflows



Involving humans into AI generation



As a faculty member, I plan to:

Leading human-AI collaboration research: **Designing** next generation Human-AI Collaboration; **Generalizing** to broader sensemaking domains like analyzing code and images; **Building** scalable and reliable evaluation for human-AI systems.

Building a supportive and inclusive research lab that mentors students and researchers in human-AI collaboration.

Fostering and shaping society's AI transformation toward public-sector efficiency, human trust, and meaningful social impact.

Published 8 top-tier peer-reviewed papers, 3 first author papers are high-cited in the domain; **Collaborated** with researchers from **more than 5** different institutions; **Developed** an open-source tool and a publicly accessible tool; **Mentored** 10 students across undergraduate, masters, and PhD levels; **Served** twice as an Associate Chair for CHI main track (2024-2025), twice for CHI EA track (2022-2023); **Peer-reviewed** more than 80 papers; **Co-organized** a workshop at CHI2024.