Background & Motivation

Due to the physical and spatial disconnect, online learners frequently experience social isolation that negatively impacts students’ well-being and learning experiences.

Online learners leave large amounts of digital footprint, which could be leveraged by AI to help them connect with each other through AI-mediated social interaction.

SAMI (Social Agent Mediated Interaction)

Lily M.
Hello! My name is Lily. I live and work in San Diego as a Software Engineer. I am in my fourth semester of the OMCS program and very excited. I have two kids under two years old and I like to play drums to cope with the bits of stress from having two kids. #connectme

SAMI
Hi Lily. Welcome to the course - I think you will enjoy it. 😊

#connectme

Just take a few minutes to get to know your fellow classmates. You may be interested in connecting with these students!

Interest: Playing Drums
- Brandon C. @ their intro
- Zhiyu Z. @ their intro
- Amelia P. @ their intro

City: San Diego
- Tammy L. @ their intro
- Selina B. @ their intro
- Terry M. @ their intro

“SAMI's useful because manually, I may never find the person I'm interested in talking to. But SAMI can find some students I might want to connect with for me.”

“I like SAMI a lot, especially the #ConnectMe. This is sending the student a signal that there’s people who are interested in chatting with other students.”

Mutual Theory of Mind in AI-Mediated Social Interaction

1. Construction of AI’s Theory of Mind
2. Recognition of AI’s Theory of Mind
3. Revision of AI’s Theory of Mind

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