

UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

A Friend in Need is a Friend Indeed: Investigating the Quality of Training Data from Peers for Auto-generating Empathetic Textual Responses to Non-Sensitive Posts in a Cohort of College Students

by
Ravi Sharma

For the Ph.D. degree in Computer Science and Engineering

In the pursuit of personalized care, digital mental wellness apps gather information through questions. However, not all users require follow-up due to mood problems. This study proposes an alternative approach using peer-generated training data for non-sensitive posts in college settings. The focus is on contextual, empathetic, and terminal responses (no follow-up questions). Using real app data, we find the model trained with peer data offer desirable responses, unlike those from state-of-the-art Empathetic Dialogue datasets (Facebook's) that seem intrusive with numerous follow-up questions. We emphasize the need to avoid presuming mood problems in app users and consider intrusiveness perceptions during design. Peer-generated datasets hold potential for enhancing college mental wellness apps, a topic yet to be explored.

, A 28th, 2023

1:00

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HE PUBLIC IS INVITED

Examining Committee

*Alfredo Weitzenfeld, Ph.D.
Associate Chair for Graduate
Affairs
Computer Science and Engineering*

*Sudeep Sarkar, Ph.D.
Department Chair
Computer Science and Engineering
College of Engineering*

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