UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

Therapist Perceptions of Automated Deception Detection in Mental Health Applications

by

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

This paper discusses the results of a qualitative study which assessed the perceptions of mental health professionals (N = 15) on the use of artificial intelligence for deception detection in therapy sessions. Four themes emerged from coding analysis of the interview data, including Functional Components of the Computer Science Implementation, Perceptions of the Computer Science Implementation, Integration of the Computer Science Implementation, and Suggestions. These themes encompass feedback from practicing mental health professionals suggesting a potential use case for automated deception detection in mental health, albeit considerations for confidentiality, client autonomy, data access, and therapist-client trust.

Tuesday, October 25th 2022

12:00 PM

ENB 313 and Microsoft Teams

THE PUBLIC IS INVITED

Examining Committee

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