

Mohammad "Matt" Namvarpour

PhD Candidate · Human-AI Researcher · Instructor

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Professional Summary

Information Science PhD candidate at Drexel University studying Human-AI interaction and conversational user interfaces. My research examines how AI systems can support reflection, connection, safety, and meaningful communication. I also teach undergraduate computing and information science courses and create educational content about AI.

Research Interests

Conversational User Interface (CUI) Design · Human-AI Interaction · AI Safety · Natural Language Processing

Teaching Experience

Instructor of Record · Drexel University

- **2026, Summer** INFO 310, Human-Centered Design Process and Methods, Online
- **2026, Spring** INFO 150, Ubiquitous Computing
- **2026, Winter** INFO 310, Human-Centered Design Process and Methods

Activity-based instruction grounded in real-world scenarios. Worksheet-driven learning supports immediate application of concepts, with clear structure and low-anxiety grading.

Selected Teaching Evaluations

- INFO 310, Fall 2025. Overall course rating 4.83/5 and instructor rating 4.67/5.
- INFO 150, Spring 2026. Overall course rating 4.58/5 and instructor rating 4.58/5.

Teaching Assistant

- **Sep-Dec 2025** Introduction to Computing and Security Technology, Drexel University
 - **Feb-Jul 2022** Speech and Natural Language Processing, Khajeh Nasir Toosi University of Technology
 - **Oct-Dec 2021** Machine Learning, Khajeh Nasir Toosi University of Technology
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Education

- **2023-Present** PhD in Information Science, Drexel University
 - **2020-2023** MSc in Computer Engineering, Artificial Intelligence and Robotics, Khajeh Nasir Toosi University of Technology
 - **2016-2020** BAsC in Mechanical Engineering, Iran University of Science and Technology
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Publications

Conference Proceedings

- **2026** Namvarpour, M., Mhetras, A., Medina, J. Y., Akter, M., and Razi, A. "You Need to Drop the App": Online Community Responses to Teens' Disclosures of Overreliance on AI Companion Chatbots. *CUI '26*. [DOI](#)
- **2026** Namvarpour, M., Mhetras, A., Medina, J. Y., Akter, M., and Razi, A. "Who is Responsible for Teens' AI Companion Overreliance? Reddit Community Responses to Disclosures of Teens' Overreliance on Character.AI." *CUI '26*. [DOI](#)
- **2026** Namvarpour, M., Brofsky, B., Medina, J., Akter, M., and Razi, A. "Understanding Teen Overreliance on AI Companion Chatbots Through Self-Reported Reddit Narratives." *CHI '26*. [DOI](#)
- **2025** Namvarpour, M., Pauwels, H., and Razi, A. "AI-induced Sexual Harassment: Investigating Contextual Characteristics and User Reactions of Sexual Harassment by a Companion Chatbot." *CSCW '25*. **Honorable Mention Award**. [DOI](#)
- **2025** Namvarpour, M., and Razi, A. "The Art of Talking Machines: A Comprehensive Literature Review of Conversational User Interfaces." *CUI '25*. [DOI](#)
- **2025** Namvarpour, M., Aghakhani, E., Ekstrand, M. D., Rezapour, R., and Razi, A. "The Evolving Landscape of Youth Online Safety: Insights from News Media Analysis." *Web Science '25*. [DOI](#)
- **2024** Namvarpour, M. and Razi, A. "Uncovering Contradictions in Human-AI Interactions: Lessons Learned from User Reviews of Replika." *CSCW Companion '24*. [DOI](#)
- **2024** Namvarpour, M. and Razi, A. "Apprentices to Research Assistants: Advancing Research with Large Language Models." *CHI 2024 Workshop*. [arXiv](#)

Preprints and Manuscripts Under Review

- **2026** Namvarpour, M., Chang, T., and Razi, A. "A Responsive Present, a Shared Past, a Social Other: Teens' Overreliance on Companion AI Chatbots." Manuscript under review for CHI 2027. [arXiv:2609.14843](#)

Journal Articles

- **2024** Nasersharif, B. and Namvarpour, M. "Exploring the Potential of Wav2vec 2.0 for Speech Emotion Recognition." *The Journal of Supercomputing*, 80(16). [DOI](#)
- **2022** Rezaee, M., Yeganegi, A., Namvarpour, M., and Ghassemi, H. "Fluid Flow Dynamics in Deformed Carbon Nanotubes with Unaffected Cross Section." *Advances in Nano Research*, 12(3), 253-261.
- **2020** Rezaee, M., Namvarpour, M., Yeganegi, A., and Ghassemi, H. "Comprehensive Study of Monatomic Fluid Flow through Elliptical Carbon Nanotubes." *Physics of Fluids*, 32(9).

Thesis and Selected Academic Work

2020-2023, Master's Thesis *Speech Emotion Recognition Using Neural Attention-Based Architectures*

Developed and evaluated four deep learning architectures, including CNNs and transformer-based models, for automatic emotion recognition in speech. Achieved 94.8% accuracy on EMODB and strong performance on IEMOCAP and ShEMO datasets.

Honors and Awards

- **2026** Outstanding Research Assistant Award, Department of Information Science, Drexel University
- **2025** Honorable Mention Award, ACM SIGCHI Conference on Computer-Supported Cooperative Work and Social Computing
- **2018** Finalist, LG Global Challenger Competition