

Alireza M. Kamelabad

Conversational AI & Human-Robot Interaction Researcher | Applied ML, LLMs, User Research

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Skills

AI Systems: LLMs, Agentic AI, Agent Orchestration, Local Models (Ollama, LM Studio), Conversational AI, GPT, Claude, Gemini

Programming: Python (Pandas, SciPy), R (dplyr, ggplot2, lme4), Kotlin (FurhatOS)

Research: Experimental Design, Statistical Analysis, Machine Learning, Participatory Design, User Research

Languages: Italian (fluent), English (fluent), Swedish (elementary), Persian (native), Azerbaijani (native)

Experience

Doctoral Researcher – Conversational AI & Human-Robot Interaction, KTH Royal Institute of Technology – Stockholm, Sweden 2021 – present

- Wrote and won a competitive 2,000,000 SEK grant (Digital Futures) to design and deliver a human-AI interaction prototype for Swedish-language learning, deployed in SFI (Swedish for Immigrants) classrooms in Stockholm
- Leading a two-year applied AI project – from proposal, experiment design, and data collection through to a working conversational AI system for adult migrant learners
- Directed and mentored 8 master's and 3 bachelor's thesis students across 3 universities
- Built and ran user research studies (participatory design, usability testing) with real end users to shape product decisions

Associate Researcher, Furhat Robotics – Stockholm, Sweden Nov 2020 – Apr 2021

- Applied research on multimodal language learning with the Furhat social robot platform, as part of an EU Horizon 2020-funded research fellowship ([e-LADDA](#))

Education

Ph.D. in Computer Science Stockholm, Sweden
KTH Royal Institute of Technology 2021 – present

M.Sc. in Cognitive Science (Language and Multimodal Interaction) Rovereto, Italy
University of Trento 2018 – 2020

M.A. in Human-Computer Interaction Trento, Italy
University of Trento 2017 – 2018

B.Sc. in Computer Science Tehran & Yazd, Iran
Shahid Beheshti University & Yazd University 2011 – 2017

Selected Publications and Awards

Personalized Language Learning with an LLM Chatbot: Effects of Immediate vs. Delayed Corrective Feedback
Frontiers in Education (2026)

Digital Futures Demonstrator Project Grant
2,000,000 SEK – PI-level grant writing and delivery

Sustainability Award
ACM/IEEE HRI '25