

Aysenur Gürel

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RESEARCH INTERESTS

Human-Computer Interaction (HCI), Human-Centered AI, Human-AI Collaboration, Large Language Models

EDUCATION

Universitat Salzburg

Salzburg University of Applied Sciences (Joint Master)

Master of Science in Human-Computer Interaction

Thesis Title: Designing and Evaluating LLM-based AI
for Human Interaction: A Multi-Agent Conversational AI System
to Support Newly Hired Students
Prototype Demo: [\[MeetYourAgent-Cocoa.ai\]](#)
Open-Source Repository: [\[Github\]](#)

Salzburg, Austria

October 2025 - March 2026

GPA: -/1

(GPA: 3.45/4)

Université de Lausanne

Erasmus+

Lausanne, Switzerland

October 2024 - March 2025

Yeditepe University

Bachelor of Architecture

Landscape Architecture (Double Major)

English Language Training (1-Year)

Istanbul, Turkiye

September 2013 - November 2020

GPA: 3.06/4

RESEARCH EXPERIENCE

AIT Austrian Institute of Technology

Research Intern

Vienna, Austria

June 2025 - December 2025

GreenTouch Project

- Co-developed an adaptive AI scenario-generation system.
- Improved AI's response quality and relevance through prompt engineering.
- Designed visual representations of the interaction workflow.
- Co-authored a paper currently under resubmission for CHI '26.

Innovobot Labs

Student Researcher, Remote

Montréal, Canada

October 2024 - February 2025

- Designed an in-car vibration-settings interface using Figma.
- Prepared usability testing materials, including surveys and interview guides.
- Conducted remote user testing using an interactive prototype.
- Iterated the UI design based on qualitative and quantitative user feedback.

PUBLICATIONS AND PRESENTATIONS

The ACM CHI Conference on Human Factors in Computing Systems (CHI'26)

Co-author, In-Progress with Revise & Resubmit Decision

- Title: Branching Foresight - A Novel Interaction Concept for AI-Generated Scenario Exploration

Mensch und Computer 2025 (ACM In-Cooperation)

Sole Author, Published and Presented [\[Paper\]](#)

- **Gurel, A.** 2025. Illuminating the Invisible: Lumocus for Enhancing Women's Work-From-Home Experiences. Mensch und Computer 2025, Workshopband. MCI Student Research Competition. DOI: 10.18420/muc2025-mci-src-312.

AWARDS

Best Research Proposal

CIVIS European University Alliance:
An international innovation marathon addressing societal challenges.

Rome, Italy
April 2025

Student Travel Funding Award: World Expo Osaka, Japan

Salzburg University of Applied Sciences

Salzburg, Austria
February 2025

National Finalist, Austria

Red Bull Basement Competition 2024:
Global competition for student innovators developing tech-based solutions.

Vienna, Austria
October 2024

Merit Scholarship

Yeditepe University

Istanbul, Turkiye
2015 - 2020

SERVICES

Mensch und Computer 2025

Student Volunteer

Chemnitz, Germany
September 2025

Aarhus Conference 2025

Student Volunteer

Aarhus, Denmark
August 2025

WORK EXPERIENCE

Facade Architect

Temiz Metal Cephe Sistemleri

Izmir, Turkiye
April 2022 - October 2022

Assistant Architect

Procon, Inc.

Izmir, Turkiye
August 2020 - April 2022

Volunteer

Actively volunteered with several NPOs focused on empowering women and supporting underprivileged children.

Istanbul, Turkiye
2016 - 2019

SKILLS

- **Programming:** JavaScript, C/C++, C#
- **Tools:** Unity Engine, Arduino IDE, Figma, GitHub, ATLAS.ti (qualitative analysis), Jamovi (statistical analysis), n8n (workflow automation), LimeSurvey, Miro
- **Research Methods:** Qualitative Methods (Interviewing, Semi-Structured Interviews, Contextual Inquiry, Cultural Probes, Participatory Design, Research Through Design), Human-Centered Design, Usability Studies, Workshops, Survey Development, Data Collection/Analysis/Interpretation

REFERENCES

Prof. Dr. Manfred Tscheligi

Professor, Department of Artificial Intelligence and Human Interfaces (AIHI), Universitat Salzburg, Salzburg, Austria
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Scholar Profiles: [University of Salzburg](#) — [Google Scholar](#)

Georg Regal

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