

# Aysenur Gürel

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## RESEARCH INTERESTS

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

## EDUCATION

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### Universität 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, Türkiye

September 2013 - November 2020

GPA: 3.06/4

## RESEARCH EXPERIENCE

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### 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

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### 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 [\[Paper\]](#)

- **Gürel, 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

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<b>Best Research Proposal</b> CIVIS European University Alliance: An international innovation marathon addressing societal challenges.	Rome, Italy April 2025
<b>Student Travel Funding Award: World Expo Osaka, Japan</b> Salzburg University of Applied Sciences	Salzburg, Austria February 2025
<b>National Finalist, Austria</b> Red Bull Basement Competition 2024: Global competition for student innovators developing tech-based solutions.	Vienna, Austria October 2024
<b>Merit Scholarship</b> Yeditepe University	Istanbul, Türkiye 2015 - 2020

## SERVICES

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<b>Mensch und Computer 2025</b> Student Volunteer	Chemnitz, Germany September 2025
<b>Aarhus Conference 2025</b> Student Volunteer	Aarhus, Denmark August 2025

## WORK EXPERIENCE

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<b>Facade Architect</b> <i>Temiz Metal Cephe Sistemleri</i>	Izmir, Türkiye April 2022 - October 2022
<b>Assistant Architect</b> <i>Procon, Inc.</i>	Izmir, Türkiye August 2020 - April 2022
<b>Volunteer</b> <i>Actively volunteered with several NPOs focused on empowering women and supporting underprivileged children.</i>	Istanbul, Türkiye 2016 - 2019

## SKILLS

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- **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

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**Prof. Dr. Manfred Tscheligi**  
*Professor, Department of Artificial Intelligence and Human Interfaces (AIHI), Universitat Salzburg, Salzburg, Austria*  
E-mail: manfred.tscheligi@plus.ac.at  
Scholar Profiles: [University of Salzburg](#) — [Google Scholar](#)

**Georg Regal**  
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