

# 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

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### 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

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### Mensch und Computer 2025

Student Volunteer

Chemnitz, Germany  
September 2025

### Aarhus Conference 2025

Student Volunteer

Aarhus, Denmark  
August 2025

## WORK EXPERIENCE

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### 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

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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